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YEAR-BOOK
OF THE
ROYAL ASIATIC SOCIETY OF BENGAL
FOR 1941

[Vol. VIII, 1942]

KED 1973

SIR WILLIAM JONES
MDCCXLVI-MDCCXCIV

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Issued September, 1942

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1942

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ROYAL ASIATIC SOCIETY OF BENGAL

PRIVILEGES OF ORDINARY MEMBERS

(*a*) To be present and vote at all General Meetings, which are held on the first Monda in each month except in September and October.

(*b*) To propose and second candidates for Ordinary Membership.

(*c*) To introduce visitors at the Ordinary General Meetings and to the grounds and publi rooms of the Society during the hours they are open to members.

(*d*) To have personal access to the Library and other public rooms of the Society, an to examine its collections.

(*e*) To take out books, plates, and manuscripts from the Library.

(*f*) To receive *gratis* copies of the *Journal*, *Year-book* and *Memoirs* of the Society.

(*g*) To fill any office in the Society on being duly elected thereto.

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ROYAL ASIATIC SOCIETY OF BENGAL

VOLUME VIII

1942

SIR·WILLIAM·JONES
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1943

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1942

Year-Book, Royal Asiatic Society of Bengal, 1941

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पुस्तकालय
गुरुकुल कांगड़ी विश्वविद्यालय
हरिद्वार

PROCEEDINGS OF THE ANNUAL MEETING, 1942

FEBRUARY

The Annual Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd February, 1942, at 5 P.M.

PRESENT

HIS EXCELLENCY SIR JOHN ARTHUR HERBERT, G.C.I.E., Governor of Bengal, Patron.

SIR JOHN LORT-WILLIAMS, Kt., K.C., President, in the Chair.

Members :

Agharkar, Dr. S. P.
Anderson, Mr. J.
Asadullah, Khan Bahadur K. M.
Auden, Mr. J. B.
Bagchi, Dr. K. N.
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De, Mr. J. C.
Dutt, Mr. M. N.
Dutt, Mr. N.
Ezra, Sir David
Fawcus, Mr. L. R.
Fox, Dr. C. S.
Gangoly, Mr. O. C.
Ghosh, Dr. P. K.
Ghosh, Mr. Sushil Chandra
Ghoshal, Dr. U. N.
Griffiths, Dr. W. G.
Guha, Dr. B. S.
Gurner, Mr. C. W.
Haq, Prof. M. M.
Hobbs, Major H.
Hora, Dr. S. L.
Jain, Mr. Chhotelal
Malik, Khan Bahadur A. R.
Mayer, Miss S.
Mazumdar, Mr. D. L.
Mukherjee, Dr. J. N.
Mukherjee, Rai Bahadur Pannalal
Nag, Dr. Kalidas
Prashad, Dr. B.
Ray Chaudhuri, Prof. H. C.
Siddiqi, Dr. M. Z.
Sircar, Mr. Ganapati
Sondhi, Mr. V. P.
Tagore, Maharaja Sir P. C.
Vedantatirtha, Mr. N.
West, Mr. W. D.
and others.

Visitors :

Allsup, Mr. M.
Bhattacharya, Mr. V. N.
Bhattacharya, Mr. M. N.
Biswas, Mr. N.
Biswas, Mrs. K. P.
Biswas, Mr. S.
Bose, Mr. D.
Bose, Mr. S. K.
Brown, Mrs. Percy
Chackravarti, Mr. P. K.
Chatterjee, Mr. S. R.
Chaudhuri, Dr. J. B.
Cohen, Mr. D. J.
Cleghorn, Miss D.

Datta, Mr. B. K.
Dutta, Mr. J. M.
De, Mr. K. C.
Frederick, Mr. A.
Ghose, Mr. Soven
Ghose, Mr. Susil Kumar
Goenka, Rai Bahadur Badridas
Guha, Mrs. Uma
Gupta, Mr. S. K.
Hafiz, Dr. H. A.
Majumdar, Mrs. D. L.
Mookerjee, Mr. D.
Mukherjee, Mr. R. R.
Narayanaswami, Mr. V.
Nityaswarupananda, Swami
Peake, Mr. B. H.
Rahman, Mr. B.
Rao, Dr. H. S.
Rau, Mr. A.
Ray, Mr. I. R.
Ray Chowdhury, Mr. S.
Roonwal, Mr. M. L.
Smith, Mr. H. F.
Thakurtha, Mr. A.
Verstraetan, Fr. A.
and others.

In declaring the Annual Meeting open the President ordered the distribution of the voting papers for the election of Officers and Members of Council of the Society for 1942 to all the Ordinary Members present and appointed Major H. Hobbs and Prof. H. C. Ray Chaudhuri to be scrutineers.

The President then called upon the General Secretary to present the Annual Report for 1941.

The Annual Report was then presented (vide page 37).

At 5-30 P.M. the President, accompanied by the General Secretary and the Treasurer, left the hall to receive His Excellency Sir John Herbert, Governor of Bengal, Patron of the Society, at the entrance of the building, and appointed Sir David Ezra to occupy the Chair during his absence. The retiring Council Members then assembled at the head of the staircase to receive His Excellency.

On the arrival of the Patron, the President introduced the retiring Council Members to him after which he requested His Excellency to occupy the Chair.

After his installation in the Chair, the Patron called on the retiring President, Sir John Lort-Williams, to read his address.

The retiring President then addressed the meeting (vide page 10).

The retiring President then called upon the scrutineers to report and announced the results of the Council Election (vide page 29).

The retiring President then gave place to the President for 1942 who thanked the Society as follows:—

'LADIES AND GENTLEMEN,

I have to thank you for the honour you have done me by electing me as your President for the ensuing year. It will be my sincere endeavour, during my term of office, to serve the Royal Asiatic Society fully, so that its usefulness may increase and be appreciated. I hope that in the year that lies before us we may often gather here in the evenings to discuss those arts and sciences which are the work of Man and study those objects which are produced by Nature, and in this way escape for an hour or so from the atmosphere of war to enjoy a short period of peace.'

'My first duty as your President is to express our appreciation of the services of our outgoing President, Sir John Lort-Williams. During his tenure of office as President he set an example in steering our affairs with great wisdom and an astonishing patience, and by his whole-hearted devotion in promoting the work of the Society he has proved himself equal to any of his distinguished predecessors. I am sure you will agree with me that what I have said is a very feeble way of expressing our appreciation of the work done for the Society by Sir John Lort-Williams.'

The President for 1942 then said—'It is now my privilege to invite our Patron, His Excellency the Governor of Bengal, to address us.'

The Patron then addressed the meeting (vide page 26).

After the termination of the Patron's address, the President for 1942 proposed a vote of thanks to the Patron on behalf of the Royal Asiatic Society of Bengal, which has been adopted by acclamation.

The Patron then called upon the President for 1942 for making such announcements as were called for.

The President said—'My first announcement is regarding the Election of Ordinary Fellows. On the date prescribed by the Regulation for the issue of voting papers for the election of Ordinary Fellows, there was one vacancy on the roll of Fellows, and two candidates were proposed for election. On scrutiny of the voting papers, it was found that neither of the two candidates had received the required number of votes as laid down in the Regulations, and the Council decided that no candidate should be recommended for election to Fellowship in this Annual Meeting.'

'I have next to announce that papers from two candidates have been received during last year in competition for the "Elliott Prize for Scientific Research" which was for Chemistry. I regret to say that the Trustees of the Prize have not received the report of the referee to whom the medal is to be awarded. So this prize is held over for next year.'

'A prize is offered for 1942, and the subject is for Physics. A detailed announcement concerning this has been published in the *Calcutta Gazette* last month.'

'My next announcement is regarding the Barclay Memorial Medal. This medal is awarded every alternate year for conspicuously important contributions to Medical or Biological

Science with special reference to India. The medal for 1941 is awarded to Sir David Prain, Kt., C.I.E., C.M.G., for his important medical and biological contributions. He was for some time Superintendent of the Royal Botanic Garden at Howrah, Director of the Royal Botanic Garden, Kew, Surrey, and a Trustee of the British Museum.'

The President handed over the medal to the Patron, and requested him to hand it over to the Superintendent of the Royal Botanic Gardens.

The Patron addressed the Superintendent as follows:—

'Dr. Kalipada Biswas, I have great pleasure in handing over to you on behalf of the Royal Asiatic Society of Bengal the Barclay Memorial Medal for the year 1941, and request you to transmit it to Sir David Prain with the Society's and my hearty congratulations.'

The President then said—'My next announcement is regarding the Joy Gobind Law Memorial Medal. This medal is awarded every three years to that person, who, in the opinion of the Council, has made important contributions to our knowledge of Zoology in Asia. The medal for 1941 is awarded to Prof. K. N. Bahl, D.Sc., D.Phil., Professor of Zoology, Lucknow University, for his important contributions to our knowledge of the Fauna of Asia.'

The President handed over the medal to the Patron and requested him to hand it over to the Director of the Zoological Survey of India.

The Patron addressed the Director as follows:—

'Dr. Baini Prashad, I have great pleasure in handing over to you on behalf of the Royal Asiatic Society of Bengal the Joy Gobind Law Memorial Medal for 1941, and I request you to transmit it to Professor K. N. Bahl with the Society's and my hearty congratulations.'

The President then said—'My next announcement regards the Paul Johannes Brühl Memorial Medal. This medal was instituted in 1931 to be bestowed on a person who, in the opinion of the Council, has made conspicuously important contributions to the knowledge of Asiatic Botany. In view of the legal opinion given by the President for 1941 regarding the Trust, the Brühl Memorial Medal Advisory Board was unable to make an award, and recommended to the Council to have the Rules governing the award amended in accordance with the terms of the Trust, which has been accepted by the Council. The next award will therefore be made in accordance with the amended Rules in 1943.'

The President for 1942 then said:—'My next announcement is with regard to the Indian Science Congress (Calcutta) Medal.

This medal is awarded whenever the Science Congress holds its annual session in Calcutta, and it has so far been awarded twice—in 1935 to Dr. Meghnad Saha and in 1938 to Sir James Jeans.'

The Patron handed over the medals to the General Secretary for transmission to the recipients.

After these announcements the President declared the Annual Meeting to be dissolved with the following words :—

'LADIES AND GENTLEMEN,

'In declaraing the Annual Meeting dissolved, I invite the non-members present to examine the collection of exhibits at the other end of the hall, and the members present to re-assemble around this table for an Ordinary Monthly Meeting for the election of an Ordinary Member and the transaction of business.'

After this final announcement the President for 1942 then conducted His Excellency the Patron to inspect the exhibits (see page 30).

At 7 P.M. the Patron left the hall, conducted by the President, after which an ordinary monthly meeting was held, whilst the visitors inspected the exhibits.

ANNUAL ADDRESS, 1941-42.

Another year has passed and owing to war conditions I find myself, unexpectedly, but nevertheless with pride and pleasure, still your President, on whom rests what some former Presidents have described as the incubus of the Annual Address. It is curious that there is not and, so far as I can trace, never has been any provision for such an Address in our rules.

In the first place it is my duty to refer to the deaths during 1941 of several distinguished men who have been associated with the work of the Society. Sir George Grierson held a unique position in the domain of the study of Indian languages and dialects. He was the Director of the Linguistic Survey of India. Prof. C. R. Lanman was a great Sanskrit scholar and Orientalist, and Professor of Sanskrit at Harvard University. Sir James Frazer was the author of that famous work 'The Golden Bough', and many other studies of primitive beliefs and institutions. Dr. Rabindra Nath Tagore was made a Special Anniversary Centenary Member of the Society in 1934. His life and work is so well known that it would be a work of supererogation to attempt a summary. Shams-ul-Ulama Khan Bahadur Dr. M. Hidayat Hosain was connected with the Society for over 40 years. He was Joint Philological Secretary from 1925 to 1939, was the author and editor of many learned papers and works in Arabic and Persian, and from 1935 was entrusted with the publication of the Catalogues of Arabic and Persian Manuscripts. Sir Ganganath Jha was Honorary Editor of 'Manu Smṛti' in our *Bibliotheca Indica* Series. The Maharajadhiraja of Burdwan was one of our Vice-Presidents. He was distinguished for his breadth of mind, common sense and sound judgment, and possessed valuable qualities of a type too rare in India to be lost without great regret.

We are now in the midst of what may be said without exaggeration to be a world-war and the greatest war in history. At such a momentous time and amidst such a stupendous upheaval, which is now close to our own doors, it is difficult to find anything to say to you which will be appropriate and fitting not only to the times but to the occasion of the Annual Meeting of this learned Society.

Like everything else the war has affected our Society in many ways. It has caused and will increasingly cause a considerable diminution in our activities and some loss of membership, and we have incurred heavy extra expenditure owing to the urgent necessity of protecting and preserving in places of safety the countless manuscripts, books, pictures and other possessions which are our priceless heritage.

You may remember that last year I departed from what was thought by most of us including myself to be the usual convention of an Address upon some special subject. I did so deliberately, not only because I am not qualified as a specialist, except perhaps as a lawyer, but because I thought it a bad convention which might have the effect of limiting the office of President to specialists, in fact several past Presidents, including men so eminent as the late Sir Rajendra Nath Mookerjee have thought it necessary to apologize for their lack of special knowledge, and because many special subjects, though of the greatest interest to specialists, are not of general interest nor suitable for the Annual General Meeting of this Society, intended as it is for the general entertainment and if possible edification of the large gatherings of our resident members and their friends which are to be expected nowadays on these mainly social occasions.

But on searching the records of our Society I was, and you may be, surprised to find that this so-called convention is of comparatively recent origin and that during the Society's existence of 158 years there have been only 14 of such Addresses, the rest being concerned solely with the work of the Society and its various activities and in the earlier period with very lengthy reviews or synopses of scholarship and science not only over the whole of India, but including, so far as Oriental studies were concerned, the whole of the world. Of these earlier Addresses each covered an average of over 100 printed pages, one being 170 pages in length, yet described as brief and incomplete, and were compilations of articles supplied by the sectional Secretaries and other collaborators. I trust that they were never in fact fully delivered to long suffering audiences, and I am not surprised that they came to be regarded as an incubus.

Nevertheless these old Addresses are well worthy of study. It is useful occasionally to make comparison of our present condition with our past history and examine the gradual evolution of our Society. You will remember how last year I drew attention to the existence of growing dissatisfaction among many of our members with our organization and our cultural activities and made a number of suggestions for future guidance with the object of stimulating thought. I found, from letters which I received, that my remarks were appreciated by a considerable number of our members, though in conversation and otherwise I became aware of a good deal of opposition from others. It was clear that there existed a distinct cleavage of opinion, and I think that we must find some way to meet the views of both.

Therefore I made it my business to examine our records over many past years, and found to my surprise that many of our present difficulties and the criticisms made about our declining usefulness and prestige have been paralleled again and again in the past. What is more important and more useful to us in the present is that sound reasons are given for those conditions which both then and now have been and are the subject of anxiety and complaint, and while many useful suggestions have been made by way of remedy, which I desire to bring to your notice, the impossibility and impracticability of reviving many of our past activities has been clearly and forcibly expressed. On the other hand, I have come to the conclusion that the fundamental reason for the decline in the prestige of our Society has never been fully grasped or clearly appreciated.

The most striking change in the condition of the Society is in the personnel of our officers and members and contributors. In the first 70 years of the Society's life only one Indian name appears among the Officers and in the next 30 years only 5 more. All the work of the Society was done by Europeans, mostly officials, and this state of affairs continued almost to the beginning of the present century. For example, of papers contributed to Part I of the *Journal* between 1836 and 1895, 724 were by Europeans and 105 by Indians, and to Part II, 1,021 and 18 respectively.

Mr. Beveridge, who was our President in 1891, said:

> 'It is much to be regretted that so few native gentlemen take a prominent part in our meetings, and that so few, comparatively speaking, are members. Doubtless the chief reason why we have not more native members is that the subscription is rather high.'

In 1896 Mr. (afterwards Sir Alexander) Pedler said:

> 'It is difficult to come to any conclusion from the foregoing facts than the disheartening one, that native gentlemen as a whole have not yet shown any particular aptitude for original research, and that this is true not only with research of a literary nature, but more particularly true of research in the Physical and Natural Sciences.'

In the Centenary volume Dr. Rajendra Lal Mitra wrote as follows:

> 'Looking to the numerical weakness of European society in India, and to the arduous character of the various occupations in which its members are engaged, it would be unreasonable to expect that many men would be found to devote their time to literary and scientific pursuits. . . . . . Natives, on the other hand, have, generally speaking, a defective education in early life, and cannot engage in researches, the fruits of which have to be recorded in a foreign language. The Asiatic Society has thus always laboured under a double disadvantage . . . . . . Notwithstanding the heavy duties they (Europeans in the Civil, Medical and Military service of the East India Company) had to discharge in their respective spheres, many of them contributed largely to the efficiency, the stability, and the advancement of the Society by their literary labours and scientific researches.'

Contrast all this with the statement made by Sir Rajendra Mookerjee in 1925: 'It was not an unjust criticism in 1896 that Indians as a general rule did not "show any particular aptitude for original research" especially in the domain of science. This feature is responsible for the almost complete absence of Indian names (with a few brilliant exceptions) from the illustrious bead-roll of the Society for one hundred years. The criticism is no longer true; since the late nineties Bengal has witnessed a wonderful educational revival and the number of Indians devoting their time and energies to original research has been steadily on the increase. We see the change in the composition of the Society's officers, and in the contents of our *Journal* and *Proceedings*....... But at the same time I am constrained to remark that there has been a remarkable falling off of interest amongst the European members....... I am afraid I have to record the almost complete lack of interest, in so far as the Society's literary and scientific work is concerned, amongst the officials to-day.'

Now let us turn again to these Addresses in order to seek for guidance about our future. I shall not attempt to paraphrase what our Presidents have said, but give you verbatim extracts from their speeches, upon the language of which I cannot hope to improve.

Thus in 1880 Mr. Medlicott said:

'In normal communities scientific societies are mostly restricted to special branches of study, and are sufficiently supported by men more or less devoted to that study, and who think it an honour, and an advantage to belong to the society. For larger societies that deal with all subjects there are also enough and to spare of scientific workers seeking the advantages or the honour of fellowship. If there were any need to illustrate how abnormal is the community to which we belong in India, the statistics of our Society would be much to the point. The relation of the body to the members seems to be almost the reverse of what I have indicated as normal. The very precarious hold the Society has upon its members has always been a complaint, but instead of mending with the advance of civilization, there are signs of its becoming a serious disease. This has been distressingly exhibited of late in connexion with a praiseworthy endeavour made by our administration to get the affairs of the Society into more regular working order. In some instances when notice was sent to members, calling attention to the rules of the Society and stating how long the subscription had been in arrears, while they had been in regular receipt of the *Journal*, instead of apologizing for their neglect, as a proper sense of the situation would dictate, they have not been ashamed to take offence at the notice, and to request the removal of their name from the list of members. The fact, I say, is a caution against attempting to regulate our practice too closely on the pattern of societies in a normal community. . . . .

However Englishmen may conduct themselves in India, they can never of themselves form the normal community which it is the function of civilization to establish. Superficially it did not seem an unreasonable hope that the seeds of knowledge would take root in this country, and in time yield an abundant crop of native scientific workers, amongst whom this Society would find its natural support. . . . .

I have twice referred to the age of amateurs; and, from the lips of a "professional", it might be thought that the term was meant slightingly. I used it as peculiarly designating the bond of fellowship that should unite a Society like ours. . . . .

I have made a principal appeal to the moral consciousness of Englishmen in India, but it behoves us to do what we can to conciliate so capricious an auxiliary. If it should come to be thought that the Society is in the hands of, and sufficiently provided for by, devotees in the shape of experts and "professionals", we should risk losing the very slight hold we have upon a large number of our members.'

In 1887 Mr. Atkinson said:

'It has been sometimes urged that we should make our meetings more interesting to the general public and those amongst our members who do not occupy themselves with cultivating any particular branch of knowledge. . . . . The means are at hand and have received the sanction of your Council. On notice given to our Secretaries, they will place on the agenda paper for the evening any one of the numerous subjects within the scope of our Society that any member may wish to bring forward for discussion, and this shall be the subject of conversation for the meeting, to be entered on after the formal business of the evening has been concluded, and not to form any portion of the records thereof. . . . . Looking back on the history of our Society and analyzing the existing list of members, one fact is evident throughout, that we are essentially a Society of amateurs with a few professional men to weld our efforts together, and it is, in a great part, the labours of these amateurs that have built up this Society and made it what it is.'

In 1889 Colonel Waterhouse said:

'We have as yet no class of leisured devotees of science, as in other countries. . . . . For progress in the practical applications of science we have mainly to look to the Scientific Departments of the Government; for few of us have either the facilities or the leisure for carrying out independent researches of our own; and thus it has come about that experimental science occupies so small a place in our *Journal*, a fact greatly to be regretted, for the field of useful work is still large. It must be admitted, however, that there is much in favour of the centralization of the results of the scientific work carried on under Government in various departments, so that enquirers in this or other countries may at once know where the information they are in search of is most likely to be found; the work is done more completely, and the continuity of the records of it thus secured is of the utmost importance.'

And in 1890 he said:

'As usual, we have to look to the scientific departments of Government for the principal additions to our knowledge of Indian geography, geology and mineralogy, meteorology, botany (scientific and economic), chemistry, archaeology, biology, and to a very great extent, of zoology, which seems to be the one subject that appeals more than any other to the private worker. . . . . There are few countries where so much scientific work is done by Government as in India, as evidenced by the many valuable publications that are yearly brought out in the branches of science above enumerated. When we contrast the state of Indian scientific literature now with what it was when I joined the service some 30 years ago, the value and amount of the work of this kind done by the Government will be clearly seen. There were then no Archaeological Surveys, no Meteorological Department, no scientific Annals of any kind except, I believe, the Records of the Geological Survey, and the Reports of the Great Trigonometrical Survey. The principal Museum in the country was our own and most of the scientific work done was by members of our Society.'

In 1891 Mr. Beveridge said:

'Provision might also be made then for a discussion of the annual report and the annual address, and I would suggest that the meeting in March might be set apart for the purpose. At present members have no opportunity of effectively discussing the annual report, for though it is the practice to invite remarks after the report has been read, there is no time at the February meeting for a discussion, and moreover members are not then in a position to discuss the report as they have not studied it. . . . . I am very anxious that our Society should not fall behind the times, and I have no wish to conceal from you that we are passing through a period of trial, and that there have been ominous mutterings about our delays and alleged somnolence. . . . . . I have been struck with the idea that what we want is concentration of effort, and limitation of scope. I think that our lines are too extended. It is true that we have authority for wide views in the motto which stands on the covers of our *Journal* and *Proceedings*. . . . . . . Sir William Jones was speaking in the early days of oriental learning and when the wealth of each plot of the field of research was not known. Ours was then the only Society in India. . . . . . Our venerable Society is like Milton's banian tree:

> "Branching so broad and long that on the ground
> The bended twigs take root, and daughters grow
> About the mother tree."

. . . . We have an excellent hall for lectures, and we do not make sufficient use of it, or sufficiently take advantage of the admirable site of our building. Perhaps we do not make ourselves prominent enough. . . . . . . We might also have conversazioni, or even revive the old practice of an annual dinner. We are not a rigidly scientific Society. We are and always have been, a Society composed mainly of amateurs, and there would be no harm, I think, in courting publicity. We must march with the times and be on our guard against anachronisms. . . . . It was by its antiquarian and philological researches that the Asiatic Society originally made its reputation, and I am inclined to think that it is by such researches that it will best maintain its ground. We have an immense advantage over foreign Societies in our being able to get contributions from Government officers and others living in the interior, and in being able to get help from the natives of the country. In pure scholarship we cannot compete with Paris or Berlin, but wherever local knowledge comes in, we can pull them over the line. . . . .

The resources of our Society are limited, and I suppose that we are about the only Oriental Society that has two distinct departments, and tries to carry on *pari passu* antiquarian and physical research.'

In 1902 Sir John Woodburn said:

'A proposal of cardinal importance was also brought before you for altering the status of the Society by including in its scope the development of Indian art, and especially by an enlarged attention to the application of science in Eastern studies. The decision of the Society has been to leave its name and status unchanged. If I may say so, I think that decision was right. The Society has an ancient and honoured name. Its special and proper objects have been consecrated by the lapse of years. The scientific students it was proposed to allure to our rolls have independent and specialized organizations, and I think the majority of the Society were right in the belief that the originators of the proposal would not succeed in merging these Associations in the wider and more general body of the Asiatic Society.'

In 1904 Mr. (afterwards Sir Henry) Risley said:

'I now turn to the large question of the position and prospects of this Society. We all know that it is not the power that it was in its earlier days. We all know that people say that our meetings are dreary, that our *Journal* appears at long and un-certain intervals, that its pages are devoid of all human or other interest. . . . . We shall all admit, when we have relieved our minds by a gibe at the Philistine in the street, that the authority and influence of the Society are not what they were a century ago. We do not do so much, and what we do does not attract so much general attention as it did. . . . .

The standard explanation, a stock excuse for many things in India, is want of leisure. Every one is said to be too busy. The demands of official work, of business, of society are heavier than they were in the old days. People had time then to read and to think; they have no time now. . . . .

There is another stock apology which, like the former, is used in a loose general way to account for anything in India that is thought for the moment to be out of joint. We are told that since the days of railways and steamers Englishmen in India have become mere birds of passage, that they go to Europe so often that they lose their interest in the East, and get out of touch with the people and their ways. Consequently, so the argument runs, they no longer care to write papers for the Asiatic Society; its journal languishes and its meetings have become dull. The conclusion may or may not be true: the premise is, in my opinion, if not absolutely false, at any rate far too widely stated. There has never been a time when interest in India and in the East generally has been so keen and so widely diffused in Europe as it is at the present day. You see it in every branch of the subject with which this Society deals, and it has been and will continue to be enormously quickened by the great political movement which is now in progress—the scramble for possessions, trade interests and *points d' appui* in Asia. It is indeed hardly a paradox to say that if any one in this country is in want of a stimulus in the particular branch of study in which he is engaged, he will best find it in a visit to Europe and in contact with fellow-workers there. Any one of a dozen societies will give him a cordial reception, and their enthusiasm revive his flagging energies. He will realize that the study of Indian subjects holds a higher place than it has ever done, that it is no longer treated as a thing apart which can be ignored with impunity, but that it enters into the solution of problems which a generation ago no one would have dreamed of approaching from the Indian point of view. Nor do I admit that the Europeans at work in India at the present day know less about the country and the people than their predecessors of a century ago. Of the country as a whole they know infinitely more because they have seen more, because trains and steamers move faster than boats and palanquins. Of the people also they can know more if they choose to take the trouble, for they have a better start. . . . .

For the real causes of the diminished influence of the Society we must look back to the history of its own growth and development. When our first President, Sir William Jones, gave to the world, as Sir Henry Maine admirably put it, "the modern science of Philology and the modern theory of Race", the Asiatic Society of Bengal had a practical monopoly of the new learning. The Calcutta scholars of that day, Jones, Colebrooke, Wilkins and Wilson, all of them active members of this Society, were the pioneers of the Sanskrit Renaissance as the Greek scholars of the 15th century were of the revival of learning in Europe. But Calcutta was not long to remain the centre of Sanskrit studies. When the German Universities entered the field guided by Humboldt and Wolff, and controlled by a Government too wise to leave the great national interest of higher education to the chances of private enterprise, the combination of industry and organization was bound to make itself felt.....

In the region of science, while the result has been the same, it has come about in rather a different way. When the Founder of the Asiatic Society defined the range of its inquiries as extending to whatever is performed by man or produced by nature, his words corresponded to the facts. We were then the sole organ of research in Asia. Whatever was done in Geology, Meteorology, Zoology, Botany was done at the instance of and through the agency of this Society, and the results of these researches were published in this *Journal*. Now all these branches of scientific activity have grown and developed on lines of their own. They have blossomed forth into separate departments, and they publish their own memoirs. This is the natural course of evolution.....

What then is there left for us to do? We cannot—I would frankly admit the fact—aspire to rival the Germans in the matter of scholarship, at any rate not at present. It may be that my friends Dr. Ross and Hara Prasad Sastri will succeed in creating traditions of critical accuracy on the lines recognized as sound in Europe and will train up a generation of Joneses, Colebrookes and Wilsons. But it will take a long time, for modern scholarship is a hard mistress to serve, and demands an intellectual equipment, a range of knowledge, and a standard of accuracy far beyond the reach of the typical Maulvi or Pandit. Until that ideal has been realized we must content ourselves with the useful if inconspicuous work that we do now—collecting manuscripts and publishing texts, furnishing the material which European scholars will work up. In this matter we have the great advantage of being on the spot. . . . . . . Another line of possible activity is antiquarian research in which the man on the spot has an obvious advantage over the most laborious student working at a distance. . . . . I said above, and I fancy that no one will disagree with us, that in matters of scholarship the centre of authority has now been shifted to Europe. But mere scholarship is not everything. It is only a means to the higher end of reconstructing the life of the past. In working towards this end students of the East have the great advantage that the present is the past or at any rate is so full of survivals of the past that it forms the only instructive commentary on the written record. Here it seems to me is the most promising field for the future researches of our Society.'

In 1910 Mr. Justice (afterwards Sir Asutosh) Mookerjee said:

'The most important point in connection with the internal administration of the Society during the last year, is the decision about the creation of Fellowships, to be conferred solely in recognition of literary and scientific work. It cannot be denied that a membership of the Asiatic Society does not import any recognition of original work, and as such, has little or no attraction to the modest scholar whose main object is the advancement of knowledge. To alter the constitution of the Society so as to restrict admission only to persons distinguished for research, would obviously narrow the field of supply, and might, indeed, in a brief space of time, prove suicidal. On the other hand, if the prestige and reputation of the Society are to be maintained undiminished, the object can be attained only by the enrolment, as members, of distinguished workers in the different branches of historical, philological, and scientific activity. With the formation, however, of important departments of State, devoted to the furtherance of scientific research in special branches, with the simultaneous increase in the number of special societies for the promotion of different branches of knowledge, and with increased facilities for the publication of original researches of any degree of value and importance, it would be idle to expect that any considerable proportion of the research carried on in this country should, as it was a century ago, be communicated for the first time to the learned world through the medium of our publications. The practical monopoly which we then enjoyed in this respect, has long since disappeared, and if we desire still to attract to our ranks the best amongst the original workers in this country, we must be prepared to create a distinction which would be valued as a recognition of merit by people engaged in the task of widening the bounds of knowledge.'

In 1911 Mr. La Touche said:

'In addition to these publications and collections, which may be said to represent the fundamental and customary work of the Society, especially on its literary side, an attempt has been made to expand its sphere of usefulness by the admission of the general public to lectures, illustrated when possible by lantern slides, on various subjects of common interest. . . . . . Such is the success that has attended these lectures, and so much interest has been displayed in them by people who, though not members of the Society, are attracted by such opportunities of acquiring some knowledge of subjects unconnected with their daily avocations, that every effort should be made to carry them on. . . . . . . For many years after the foundation of the Society, its publications were almost the only medium through which the researches of those who gave themselves to the study of the science and literature of this vast country could be given to the world; at least this is true of the greater portion of India. But, with the establishment by an enlightened Government of separate departments, concerning themselves with the collection and co-ordination of facts pertaining to various branches of scientific enquiry, it was inevitable that the publication of these facts should become a function of each Department, and that the Society should, to that extent, be deprived of some of its importance. First the Geologists, then the Meteorologists, Zoologists, Botanists, and Archaeologists, who formerly contributed much valuable matter to the pages of our *Journal*, established their own Records and Memoirs, and for some years the Society has become more and more restricted to the domain of literature. Though I would not for a moment have it imagined that I think that this growing concentration on one branch of knowledge implies any degeneration in the activity or aims of the Society, for the publication of the results of enquiries into the ancient civilization and history of India must be regarded as of the utmost importance; yet I do not see why the equally important results of scientific research should be comparatively neglected. The scientific departments publish the facts; but usually so wrapped up in technical language or in such minute detail that, to the uninitiated, they become either wearisome or perhaps hardly intelligible. And yet it is quite possible to present the essential facts brought to light by these investigations in such a form, that even those who are unacquainted with the methods or with the peculiar dialect employed may be instructed and interested. Our lectures constitute a useful step in this direction; but I should like to see an attempt made to summarize in the *Journal* the results of scientific work performed in this country, so that the information now often buried beneath masses of statistics and other dry and uninteresting matter might be made more appetizing and available to its readers. . . . . .

In another direction also the Society may perform, if it chooses, a most useful function. That is, in leading public opinion on questions of practical scientific, literary, and even social importance. . . . .

A question of pressing importance, in which the Society might exercise a valuable influence on public opinion, is that of the form and method of Education that would be most suitable under the conditions prevailing in India. There is no doubt that serious changes are necessary in the present system, one that has been established in the country by an alien race, anxious to impress Western ideas of culture upon a people whose point

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of view differs in many essential respects from their own; and every serious contribution to the discussion that has already arisen with regard to the direction that these changes should take cannot fail to be useful.'

In 1922 Sir Asutosh Mookerjee said:

'But I have heard it urged that we are no longer able to repeat the brilliant record of our earliest years. In this connection I would like to invite the attention of our critics to two outstanding circumstances. In the first place, the pioneers in a new field have opportunities of exploration and discovery which can scarcely if ever recur to their successors, however able and devoted. In the second place, what is perhaps of even greater importance, the lamp which was lighted by our illustrious founder more than a century ago has enabled others to light similar lamps elsewhere, which must necessarily share with ours the glory of dispelling the darkness that envelopes the history of our past. During the last century societies and other institutions have sprung up in Europe and America, as also in Asiatic countries beyond the limits of India, where Ancient Indian History and Culture engage the attention of bands of enthusiastic students and investigators. Many of these institutions are maintained by the State; many again are supported by liberal aid from the public funds, while others flourish by reason of private munificence.'

In 1924 Dr. Annandale said:

'We are told that this is due to the strenuous life of the present age as compared with the leisure of the past. The life of the present day with its constant journeys and junketings is not conducive to study or application, but we must remember that if life was less strenuous a century ago it was also much more difficult, not merely in material things, but in all the apparatus of learning. . . .

The times are difficult for Oriental scholarship in India. We are at the parting of the ways and only the confirmed optimist can be quite sure that we are even in a state of transition. The greatest Greek scholars were never natives of Athens, Latin scholars of Rome or Egyptian scholars of Cairo: scholarship in Calcutta must prove itself an exception to the rule. I am always expecting great things of Indian scholarship, but must confess myself disappointed with much of the indology of India. Good work is done, but there is little true imagination or originality and progress is delayed, not accelerated, by wild extravagance, by the readiness with which those in authority accept a low standard and by the good-natured but injudicious praise of scholars abroad to whom Indian scholarship comes as a surprise, as a new thing from which too much must not be expected. There can be only one ultimate standard for true

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scholarship; is it sound or is it not? Praise bestowed on research for racial, political or official reasons is an insult to true learning, not a compliment.'

In 1925 Sir Rajendra Nath Mookerjee said:

'We are proud of this achievement but we should not ignore that there has been a progressive decline in the unique and eminent position which our Society commanded at one time. We recognize and applaud the brilliant work of the French and German savants. I am of opinion that we should make strenuous efforts to reoccupy the pre-eminent place which our predecessors made for the Society. We cannot stand still. We have either to go forward or fall back and give way to younger and more energetic institutions. We have to face the fact that we are no longer so widely known; we are not popular in the literal sense of the word. I have met many highly educated people who have never heard of even the existence of the Asiatic Society of Bengal. Our monthly meetings are poorly attended. . . . . If I urge upon you the necessity of a propaganda for popularization of the Society's work I do not ask you to court cheap applause. I want to gather within the folds of the Society all people interested in the advancement of research and knowledge and you cannot get them unless you tell them that you exist and the purposes for which you exist. A feature of the Christmas week in London is a series of special popular lectures on scientific subjects addressed by eminent scientists in language easily understood by the layman. . . . . I imagine the abstruse nature of the researches conducted under the Society's auspices attracts only a limited class of people. I have given considerable thought to the problem of broadening the basis of our work and the practicability of effecting a sort of alliance between abstruse scientific research and modern "popular" knowledge. . . . . There yet remains to us the vast field of economic and political science in which Indians are now taking great interest but in which from ignorance of facts and of the true history of the past they are in need of help and guidance. India is at present amidst a wonderful industrial renaissance and the Asiatic Society of Bengal can usefully contribute toward a safe and prosperous evolution by carrying on scientific researches and taking the lead in clarifying the laws of economics and guiding future national policies. A study of the economic history of India is urgently needed and I would like to see the Asiatic Society of Bengal taking up the work of investigation and research in this essentially vital and important field. . . . Many of our members are in the same position as myself: they can lay no claim to any deep learning or to the active prosecution of research. They have joined the Society with the feeling that they are assisting in maintaining a leading institution of learning and culture.'

You will now be able to appreciate why I have read to you so many extracts from these Addresses, which not only contain the whole history of the Society and its gradual evolution during the passage of the years, but also an enumeration of all the questions and difficulties which have faced the Society in the past and reasonable explanations and answers to the criticisms which have been made from time to time and which are still being made and with increasing persistence and force.

You will observe, nevertheless, that most of our Presidents have been pessimists. According to them we have been going downhill and becoming more unpopular and less influential for almost a hundred years. Yet somehow or other we have survived and have regularly and periodically renewed our strength and activity.

The history of every kind of association discloses a struggle between the conservative forces and the forces of change. During long periods the former are in the ascendent, in others, such as the present age of rapid transition, the demand and the necessity for change is strong and insistent, and survival depends upon the wisdom and capacity and rapidity with which difficulties are faced and readjustment to the new environment is effected.

The first thing to realize is that it is useless to bemoan the loss of a past which cannot by any possibility be restored. This Society was once unique. It was a Society of British officials who, as amateurs, were pioneers in the study of the Orient. For many years they were in sole possession of a rich and virgin soil. From its loins sprang many learned bodies and its activities were a source of inspiration to many learned men and industrious workers in the realms of Oriental scholarship. To-day the work which it initiated is shared with hundreds and thousands of Societies, Government Departments, Universities and individual workers in Oriental study and research, all over the world. That unique position has gone for ever and cannot by any means be restored. We have to share the limelight and be satisfied at the very most with a position of *primus inter pares.*

The next point to appreciate is that we have always, apparently, aimed at remaining a Society of amateurs digging in a wide and unrestricted field. The world, or at any rate not less than the whole of the Oriental world, has been our oyster. Our aim has always been broad culture and the encouragement of every kind of scholarship and research within the boundless scope laid down by our illustrious founder. But the present is not only an age of exact scholarship, but of narrow and concentrated specialization. We cannot as amateurs hope to compete with experts or in subjects which have become severely specialized, nor can we hope to attract for publication in our journals the work of specialists who are members of specialist bodies with high-class publications of their own. The specialist's aim is to have his work circulated among his fellow-specialists, who are more likely to read the publications issued by those bodies to which they all belong. It seems to me quite obvious that we ought in some directions to limit the scope of our enquiries and concentrate upon those studies which have not yet been made subjects of specialization, and upon those which depend upon local, that is to say oriental, research and investigation in which we have a distinct and irremoveable advantage over other investigators. In other directions, on the contrary, we ought to extend our scope and include in our activities the study of new problems, social and otherwise, affecting the people and the countries of the Orient. We cannot stand still. As old questions are resolved they must be replaced by new ones, otherwise we shall sink, slowly or rapidly, until we cease to be anything more than caretakers of priceless books and manuscripts.

The reasons suggested by various Presidents for the disappearance of the British official amateur were, in my opinion, wide of the mark. His work and his interest ceased when he realized that he could not compete with experts. There is no longer any room for amateurs.

Our amateur status is responsible also for the form of our constitution and organization. Much has been done during the last three years to improve our organization. But I am not yet satisfied that we have discovered the real fault. The upheaval and the criticism which initiated the enquiry into the condition of the Society and the hard work which was the result, have all been paralleled in past years. The phenomena recur apparently in every generation or even shorter periods. I believe that these periodic difficulties also are due to changes in personnel and environment and a conservative disinclination to make any drastic changes, however much the signs indicate that something more fundamental than minor adjustment is needed. I am beginning to wonder whether in face of the gradual disappearance of amateur workers, the control and direction of the Society by amateurs is any longer suitable, and whether the examination of and decision upon every petty detail of our work and organization by a Council of 20 can be regarded as a businesslike method of conducting the affairs of the Society. The scholarly and scientific work of the Society is no longer done by amateurs and dilettanti, but by experts in Government Departments, University Professors and specialists in one or other subject of study. Efficient organization nowadays is a matter of special gifts, training and experience and ought to be in the hands of a thoroughly competent and well-paid Secretary subject only to general supervision.

Next come the questions of popularity and publicity. It will be seen, from the extracts which I have read, that the complaint about unpopularity is almost as old as the Society itself. The attendance at monthly meetings has never been much larger than it is now and the attendance at our Annual Meetings and lectures is much larger than ever before. Our publications are in many ways better than they have ever been. What I may call our normal membership has been the same for many years, and must, for financial reasons if for no other, be sustained, but it is doubtful whether it can be much increased. After all is said and done, this is a learned Society, and its membership must be restricted to persons of culture, whether general or special, and the number of such persons is limited. On the other hand, there are doubtless some who have not yet thought fit to join our ranks, and efforts should be made to bring them in. The cost of membership seems always to have been something of a stumbling block and some further attempt should be made to solve this difficulty. Our lectures have been a success and should be extended and there ought to be more opportunities for informal discussion among our members than there are at present. I think it is a mistake to read both scientific and other papers at the same ordinary meeting, and I am doubtful whether, in normal times, the earlier hour of the Society's meetings has been an advantage. Learned discussions in daylight and immediately after the day's drudgery are apt to be somewhat uncongenial. The Annual Dinner might be revived.

All these matters require very careful consideration and I do not think that we can do better than adopt the plan which was successful regarding the question of re-organization, and appoint a special enquiry committee to deal with the wider and much more important problem of our cultural activities and the future of the Society. Personally, I have now reached definite conclusions. I think that we should relinquish the pretence that we are still a Society of amateurs and aim at creating a Society of experts, of men distinguished for exact scholarship, supported by a general membership of persons of general culture. I think that this object will best be attained by a development of our Fellowship Roll, but I would try to obtain the assistance and advice of a number of men outside our membership who are distinguished in scholarship, in order that our decisions will be such as to appeal to and attract such men to our membership in increasing numbers. Thus and thus only can we regain our reputation and prestige as the premier learned Society in the East.

Your Excellency, Ladies and Gentlemen, I need hardly tell you how grateful I am for the honour which you have bestowed upon me by electing me as your President during the last two years, and I desire to express my personal thanks to Your Excellency for so graciously presiding at our Annual General Meeting.

JOHN LORT-WILLIAMS.

PATRON'S ADDRESS

SPEECH BY HIS EXCELLENCY SIR JOHN ARTHUR HERBERT, GOVERNOR OF BENGAL, AT THE ANNUAL MEETING OF THE ROYAL ASIATIC SOCIETY OF BENGAL, HELD ON THE 2ND FEBRUARY, 1942.

'MR. PRESIDENT, LADIES AND GENTLEMEN,

Let me first congratulate the retiring President, Sir John Lort-Williams, on the successful achievements of the past year and welcome to office of President, Dr. Fox, who needs no introduction from me. As a Fellow of the Society and Director of Geological Survey of India, he is well known to us all. He has also done much to help the war effort through his researches in the mineral resources of the country including mica.

During the past year the Society and the world have suffered a great loss through the passing of Dr. Rabindra Nath Tagore, Special Anniversary Honorary Member of the Society. The death of Prof. Lanman, Sir George Grierson and Sir James Fraser, Honorary Fellows of the Society, means the loss of distinguished men who have given greatly to the Society and the cause of learning.

The loss of Sir Ganganath Jha, Honorary Editor of "Manu Smriti", and Shams-ul-Ulama Dr. Hidayat Hosain, Editor of the Catalogues of the Society's Persian and Arabic Manuscripts, is a loss also to oriental scholarship. We also mourn the death of one who was loved by all who knew him, the Maharajadhiraja of Burdwan.

Since I last addressed you two years ago the war has become appreciably nearer India and in fact appears rapidly to be approaching a crescendo of violence. The Germans on their side are boasting to making total war. They are proud of throwing everything into the scales against us, and to achieve their purpose they have made science and the arts serfs of the god of war. If we consider the condition of the arts in Nazified Germany we must realize immediately how much is denied to those people whose life has under Nazi rule become completely circumscribed and regimented. The works of some of the great men who helped to make Germany famous for its scholarship and artistic achievement are in certain cases no longer available to the inhabitants of the Third Reich.

The expulsion of many scientists, doctors and men of letters whose names are legion has been symptomatic of the repression of all freedom of thought and opinion in modern Germany. The prosecution of Neimôller is typical of the German attitude towards religion and of the determination of Hitler and his satellites to keep the church in chains of political servitude. Even the great men of the past are not respected. The ban on the fruits of such great and noble intellects as Heine and Chopin, to name only two, must make even the fanatic Nazi aware of his intellectual captivity to Hitlerdom.

Germany, which in the past centuries was known as a land of music and of learning, where the arts were given enthusiastic encouragement, has become under Nazi rule nothing but a Parade Ground on which Nazi hordes stamp and strut, whose temple is now an arsenal wherein are worshipped the arts of destruction.

I dread to think of the result of this denial of truth to so many. I dread to think of a generation devoted to blood and war, spurning all creative art, ignoring both past and future and only looking to the present task of destruction. For this very reason and even more to prepare for the days after the war it is essential that all should play their part in preserving the beauties of ancient art and continuing its study.

Democracy assures to men of arts and letters that independence of spirit which is the pre-requisite of true culture, yet war inevitably hampers their work. This Society has naturally been affected. Now that the war is closing in upon us in India the Society, looking to the future, has taken steps to safeguard its most valuable manuscripts and historical objects by sending them to Benares and elsewhere.

Incidentally I have been happy to have the opportunity of housing some of your pictures in Darjeeling, and if I have the occasion this year of going to Darjeeling they will be under my own eye. You may recall that I had the honour of bringing back to you from London the famous Bhowal Plate. The new phase of the war has placed more of your possessions in my custody. In fact, it seems that I am to have the honour of being the Society's Honorary Curator.

The cost of insurance, packing, freight, etc., has already amounted to Rs.7,000 and the total sum involved will be considerably more. This Society has to depend on the good will of scholars and public-spirited men devoted to the advancement of civilization and has no large funds at its disposal. The heavy burden of the extraordinary expenditure forced upon the Society by the exigencies of war must be met by some special means. I ask you, therefore, for further donations to the Society to ensure the safe custody of its ancient treasures and for the continuation of its valuable work. So as to start a subscription list I myself am giving Rs.500 towards this end.

The members of the Society are believers in the successful development of the true arts and it is our duty to maintain the treasures of the past for the benefit of future generations.

It is for this that I appeal for donations to the Society in the sincere hope that my contribution will be followed by others.

It is gratifying to know that in spite of this financial handicap the Society's work has been pursued with vigour, and that arrears of the last 25 years have been almost completely wiped out and that the *Journal* and the *Proceedings* of the Society are now for the first time since 1917 up to date. The Society will, I know, continue its work undeterred by fears of war. The material accomplishments of the past year, the Lushai Dictionary and the bringing up to date of the Society's *Journal*, are something to be proud of, and I know that I can rely upon you, Mr. President, and the members of the Society to fulfil that task. In so doing you will ensure the maintenance of the Society's international reputation.'

OFFICERS AND MEMBERS OF COUNCIL.

ROYAL ASIATIC SOCIETY OF BENGAL, 1942.

Elected and announced in the Annual Meeting,
2nd February, 1942.

President.

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., F.N.I.

Vice-Presidents.

Sir John Lort-Williams, Kt., K.C.
The Hon'ble Dr. Syamaprasad Mookerjee, M.A., B.L., D.Lit., Barrister-at-Law.
S. K. Chatterji, Esq., M.A., D.Lit., F.R.A.S.B.
Meghnad Saha, Esq., D.Sc., F.R.S., F.R.A.S.B., F.N.I.

Secretaries and Treasurer.

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Other Members of Council.

S. C. Law, Esq., M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.
M. Z. Siddiqi, Esq., M.A., Ph.D.
The Hon'ble Mr. Justice N. G. A. Edgley, M.A., Barrister-at-Law, J.P.
L. R. Fawcus, Esq., C.I.E., I.C.S.

EXHIBITION ANNUAL MEETING.

LIST OF EXHIBITS SHOWN AT THE ANNUAL MEETING OF THE ROYAL ASIATIC SOCIETY OF BENGAL ON THE 2ND FEBRUARY, 1942.

1. THE BANGIYA SAHITYA PARISHAT.

Manuscripts of a few interesting Bengali Works.

(For details of the MSS. *cf.* C. Chakravarti—*Bengali MSS. in the Bangiya Sahitya Parishat, Sahitya Parishat Patrika,* 48, p.137.)

(1) MS. of an incomplete dictionary of the modern type by an unknown author (1675).

(2) MS. of a small metrical work of lexicographical character giving the meanings of thirty-six words ending in *Khānā*.

The name of the work is *Chatriś Kārkhānā grantha* (2596). It is the work of the joint authors Vaidya Kamal Sen and Śubhankara Bhṛgurāma.

(3) MS. of a quasi-historical work called *Madaner pālā* (934) which describes how Madan Ray, a zemindar, incurred the displeasure of Nawab Siyesta Khan and was saved through the intervention of Mabarak Gazi, whom the zemindar approached on the advice of a Muhammedan officer.

(4) MSS. of a number of Bengali Purāṇas:—

(*a*) *Mahābhāgavatapurāṇa* (299) of Kailās Vasu of Midnapur. It describes the marriage of Śiva, birth of Kārtikeya, killing of demon Tārakā and Rāvana.

(*b*) *Kālikāpurāṇa* (906) describing the story of Pārvati up to the birth of Ganeśa.

(*c*) *Kālikāpurāṇa* (1778) describing the exploits of the Mother goddess as found in the *Mārkaṇḍeya Purāṇa*.

(*d*) *Durgāpurāṇa* (806) describing the arrival of Durgā on the Himalayas and receiving worship there.

(*e*) *Vālmīkipurāṇa* (1781) of Hare Kṛṣṇa Dāsa which recounts the story of the early life of Vālmīki, when he is stated to have been known as Vṛndā, the demon.

2. DR. D. M. BOSE.

I. Automatic Recorder for Photographically Recording the Diurnal variation of the Pulsatory movement of Desmodium gyrans.

This apparatus is used to investigate the nature of the pulsatory movements in leaflets of Desmodium gyrans with a view to finding out the source of energy of these pulsations. The investigation and the apparatus used are based upon the researches of Sir J. C. Bose, who found a considerable similarity between these pulsations and the heart beats of animals.

The apparatus used consists of an optical lever, one of whose ends is attached to the tip of the Desmodium leaflet with a silk fibre, by means of which a magnified image of the pulsatory movement is recorded on a rotating drum round which a photographic paper is wrapped. Other automatic recorders are used to measure the intensity of the daylight incident on the leaflet and the temperature of the surrounding air.

It is found that—

(i) when the leaflet stem is kept dipped in tap water, the pulsatory activity of the detached leaflets continues for about 20 days, stopping only for a few hours at night and starting again at sunrise;

(ii) if the leaflet is kept in the dark the movement completely stops after a few hours;

(iii) if 1% glucose is added to the tap water, the leaflet will, when kept in the dark, resume its pulsatory activity and for a few days even continue nearly through the whole day and night;

(iv) the best results are obtained when the leaflet stem is kept in the glucose solution and is exposed to daylight—under such conditions the pulsatory activity continues during the entire twenty-four hours for several days.

The conclusions drawn are that the energy of pulsatory activity in Desmodium leaflets is due to the combustion of the carbohydrate produced in the leaflet photo-synthetically under the action of sunlight. In the dark the introduction of glucose through the solution can replace the photo-synthetically produced carbohydrates in providing energy by combustion by which the movement is maintained.

II. Photographs of Cosmic ray showers of different types taken with a continuously working Counter controlled Wilson cloud chamber.

With the apparatus used, penetrating cosmic ray particles which pass through 10 cm. of lead placed on the top of the chamber and through the cloud chamber energises a number of Geiger Muller tubes, by means of which relays are actuated enabling the tracks of cosmic ray particles to be photographed. A lead plate 2·2 cm. thick is placed across the cloud chamber. The behaviour of the ionizing particles incident on the upper side of this plate give an indication as to their nature. If the tracks are absorbed or give rise to a shower of fresh tracks starting from the lower side of the lead plate, then they are due to ordinary electrons. If however the particles penetrate through the plate without producing any secondaries, they are most probably due to heavy electrons (mesotrons of mass 200 times that of the soft electron). The present investigation is concerned with the origin of these mesotron showers.

Photographs are exhibited, showing the ionization tracks due to (i) extensive air showers, (ii) showers produced in the lead plate inside the chamber due to a primary soft electron, and (iii) of mesotron pairs and multiples.

3. MR. H. K. BOSE.

Standing Image of Vishnu.

(11th century A.D. Later Pālá Period.)

Upper part of a standing image of Vishnu engaged in meditation. The right upper hand is holding a club and the right lower hand resting on a lotus is in the posture of offering boon. The left upper hand holds the wheel and the left lower hand also resting on a lotus holds the conch shell. The upper hands and the forearms are artistically curved. The usual 'Kirtimūkhá' at the top and the flying pairs of 'Vidyādhárās' are curved on the top of the black slab. It is made of slate. The modelling of the rest of the figure is dry.

It was found recently while re-excavating a pond at a depth of 18–20 ft. near Nagargachi, said to have been the traditional capital of Nagar Rajah about whom no historical data are forthcoming. The place is close to the cremation ground of village Jajur, Thana Haripal in the Hooghly district, Bengal. Some other sculptures of about the same period have also been found years ago while excavating another pond in its neighbourhood but they are too fragmentary to be exhibited.

Identified by Rai Bahadur Ramaprashad Chanda.

4. MR. PERCY BROWN.

Small copper gilt figure from Tibet.

This figurine depicts the Green Tara, a canonized representation of Bhri-kuti the Nepalese consort of Srin Tsan Gampo, one of the greatest kings of Tibet, who reigned in the seventh century. It is a votive figure evidently intended to be fixed on a ledge, or attached to a shrine, as a sacred contribution to a Nepalese temple. The date of its production might be the fifteenth or sixteenth century, and in its pose and workmanship it is one of the best of its kind. As a proof of its artistic character the graceful curves of the body and of the figure as a whole proclaim it as superior to most of the stiff conventionalized images of this school.

5. MR. A. K. MITRA.

Head of a figure of the Gupta Period.

The head, probably of an attendant figure of an image of the Gupta period (5th or 6th century, A.D.). Though sadly damaged, it retains some of its original plastic beauty. The face seems not carved by chisel, but to have issued spontaneously out of the stone. Though wearing the expression of contemplation, it is lit up by a smile indicating tranquil pleasure.

Provenance—Village near Sarnath, Benares.

Identified and described by Rai Bahadur Ramaprashad Chanda.

6. THE ROYAL ASIATIC SOCIETY OF BENGAL.

I. *Books Published by Members of the Royal Asiatic Society of Bengal and obtained by the Library of the Society in 1941.*

N. B. Roy: The Successors of Sher Shah.
do Humayun Nama.
Kalidas Nag: India and the Pacific World.
O. Berkeley-Hill: All too human.
K. N. Dikshit: Annual Report, Archaeological Survey, 1936-37.
N. C. Vedantatirtha: An Introduction to the Vaisesika System.
do An Introduction to the Advaita Vedanta System.
do Nyayadarsaner Itihasa.

Gangeya Narottama Sastri: Karuna-tarangini (Hindi).
Benoytosh Bhattacharya: Sakti Samgama-tantra, Vol. II.

II. The Society's Publications in 1941.

(1) Journal:—
    (*a*) Letters, (*b*) Science, (*c*) Year-Book.

(2) Bibliotheca Indica:—
    (*a*) Arabic and Persian.
    (*b*) Sanskrit.
    (*c*) Tibetan and English.
    (*d*) English Translations.

(3) Catalogue of Manuscripts:—
    Vernacular.

7. THE ROYAL BOTANIC GARDENS, CALCUTTA.

Rhododendrons and other important plants.

Exhibit I.

The beauty of the Rhododendrons of the Sikkim Himalayas attract many naturalists to the neighbourhood of the everlasting snows, where these plants flourish. Here are the coloured illustrations of eight commoner species:—*Rhododendron barbatum* Wall., 10,000 ft., flowering in April; *Rhododendron Edgeworthii* Hook. fil., 7,000–9,000 ft., flowering in May-June; *Rhododendron fulgens* Hook. fil., 12,000–14,000 ft., flowering in June; *Rhododendron Campbelliae* Hook. fil., 9,000-10,000 ft., flowering in April-May; *Rhododendron Thomsoni* Hook. fil., 11,000–13,000 ft., flowering in June; *Rhododendron Wightii* Hook. fil., 12,000–14,000 ft., flowering in June; *Rhododendron lancifolium* Hook. fil., 10,000 ft., flowering in April-May; *Rhododendron Dalhousiae* Hook. fil., 7,000–9,000 ft., flowering in April-July.

Exhibit II.

(1) *Mammillaria conopsea* Scheidw.—This plant was introduced from Mexico during the early period of the Gardens by the East India Company. This plant is actually growing in the original Chinese vase in which it was brought through the East India Company more than 100 years ago.

(2) *Haworthia attenuata* Haw.—This plant was obtained from Friedrich Adolph Haage, Germany, in 1926 and is kept growing in the Gardens successfully since then.

(3) *Adiantum tenerum* Farleyense.—This is a sterile fern introduced from West Indies. This fern has been propagated by divisions after acclimatization in the Gardens for years.

(4) *Adiantum Lathomii* Hort.—A variety of special sterile sports from Lathomi which was grown in the Gardens. This can also be propagated by divisions only.

(5) *Gymnogramma calomelanos* chrysophylla.—This is a common West Indian gold fern.

(6) *Auraucaria Cunninghamii* Sweet.—This is an Australian plant which has been propagated from layering. This plant has been kept growing in the pot for over 60 years. This curious prostrate variety is totally different from the usual giant trees of Auraucaria Cunninghamii.

(7) *Zamia floridana* A.DC. Ins. Baham.—This rare plant belonging to the family of Cycadaceae is raised from seeds and is acclimatized in the Gardens.

(8) *Acorus Calamus* Linn.—This species of important medicinal plant has been gathered from the swampy region along the borders of Nepal and Sikkim Himalayas at an altitude of about 4,000 ft. by Dr. K. Biswas during his exploration along the border of Nepal and Sikkim last autumn.

(9) *Cinchona succirubra* and *Cinchona ledgeriana*.—These two plants have been obtained from Mungpoo Plantation, Darjeeling, in order to make an attempt towards acclimatization of these two well-known quinine plants.

(10) *Derris elliptica* Benth.—This is the insecticidal plant of commerce. The roots are also used as fish poison. The active principle of this plant is rotenon.

(11) Some fibre plants.—Experiments have been carried on last year and are being continued this year as well on some fibre yielding plants, such as Broussonetia papyrifera Vent., Linum usitatissimum Linn., Adansonia digitata Linn., Boehmeria nivea Gaud and Agave sisalana Perr. ex Engelm. The fibres of these plants although extracted by crude method are still sufficient to show the high standard of the fibres of these plants which might be grown on a commercial scale with advantage in the suitable parts of Bengal.

(12) Some Orchids and cut flowers.

8. THE SANSKRIT SAHITYA PARISHAT.

List of the Manuscripts.

(1) *Kṛtyakalpataru*, by Lakshmidhara.
(2) *Bāraruca Vritti*—Com. on Kātantra.
(3) *Pāṇigrahaṇādiviveka.*
(4) *Ākhyātapradīpikā.*
(5) *Rasendrakalpadruma.*
(6) *Dattakatilaka.*
(7) *Kṛtyatatwārṇava.*
(8) *Pravā*, by Vaidyanath Bhatta.
(9) *Pancharakshā*, etc.
(10) *Sārasaraswatī.*
(11) *Sārīrakamīmānsābhāṣya.*
(12) *Devīmāhātmyamanjarī.*
(13) *Nirudapasubandha.*
(14) *Mahābhāratam* (Sāntiparvan).
(15) *Kīchakavadha*, by Nītivarman.

9. MR. S. S. SARKAR.

Human Twins from a hereditary point of view.

Human twins are usually of two kinds: (1) Identical or monozygotic; they are always of the same sex and are similar to one another in a large number of morphological and physiological characters. They are believed to develop from the early fission of a single egg into two halves. (2) Non-identical or fraternal or dizygotic; they may be of same sex or of different sexes. They differ from one another like ordinary brothers and sisters. They develop from the almost simultaneous fertilization of two different eggs.

As a rule dizygotic twins are born more frequently than the monozygotic ones, the ratio being about 1 : 4. Nothing is known of its frequency in India. In Ceylon twins are born once in 160 births. In Germany its ratio is 1 in 85, in United States 1 in 86.

The hereditary nature of twin births will be evident from the two pedigrees exhibited here. The mode of inheritance is still a problem. It has been a matter of expert controversy, in which authorities differ, whether the two types of twinning, namely, monozygotic and dizygotic, are expressions of the same hereditary factor or different expressions of two different hereditary factors. Present researches in this country and the two pedigrees exhibited here indicate that they are linked up with one another and are possibly expressions of the same hereditary factor. Further data on this line are being collected in Bose Institute, Calcutta.

Exhibits:

(1) Pedigree I, collected from the district of 24-Perganas, Bengal, belonging to the Pod caste. The family shows 9 pairs of twins the sex combinations of which are:— 2 males—2; 2 females—3; 1 male and 1 female—4.

(2) Pedigree II, collected from various villages of the district of 24-Perganas, Bengal, belonging to the Kumhar caste. The pedigree shows the details of 4 clans bound up by intermarriage. There are a total number of 9 twin births the sex combinations of which are:— 2 males—2; 2 females—5; 1 male and 1 female—2.

(3) Plate I showing 3 pairs of identical twins and 3 pairs of non-identical twins.

(4) Plate II showing a trizygotic triplet, the right hand of one being first born. The sexes of the triplet are from the right, female, female, male.

10. Mr. W. D. West.

Lapis-lazuli, Kokcha valley, Badakshan, Afghan-Turkestan.

The best and most famous mines are situated in Badakshan, in the north-eastern corner of Afghanistan, in the upper reaches of the Oxus. They were visited and described as far back as 1271 by the celebrated Venetian traveller, Marco Polo. The stone used to be sent to Bokhara, and from thence to the fairs of Nizhniy Novgorod, where it was distributed by the merchants assembled there to all parts of the world. These mines are not at present being worked, but the stone can still be purchased in Kabul from the State authorities, the best quality costing £20 per kilogramme.

In addition to its use in mosaics and costly ornaments, it used to be powdered to produce the rich and durable paint called 'ultramarine', but has now been replaced by the artificial product.

Its colour is due to the presence of the mineral lazurite (derived from the Persian word 'lajward'). It sometimes contains flecks and streaks of golden iron-pyrites, a variety which was compared by Pliny to the 'star-bedecked firmament'.

11. THE ZOOLOGICAL SURVEY OF INDIA.

Casts of Tasmanian and Australian Skulls.

Exhibits I, II, III, and IV.

Plaster casts of skulls of a Tasmanian male and a Tasmanian female in the collection of the Anthropological Laboratory, Z.S.I., obtained from the Australian Museum on the 11th February, 1887, the cranial indices being 73·4 and 75·4 respectively. The Tasmanians were medium-headed (C.I., 76-77), as compared to the Australians of which Exhibit III from New South Wales is an excellent example. Exhibit I, the Tasmanian male, has an ovoid shape looked at from above, and Exhibit II, the Tasmanian female, is also ovoid, as contrasted with the harmonious ellipsoid form of the pronouncedly dolicho-cranial Australian, Exhibit III. The two Tasmanian casts also show a more pronounced upward development of the frontal bone than is the case with the Australians with their remarkably retreating forehead.

The Australian skull III, exhibits a small epipteric bone on the left side, and a frontal process of the temporal bone prevents the meeting of the parietal bone and the great wing of the sphenoid on its right side. The squama and the nuchal parts of the occipital bones meet in a sharp angle in all the three specimens, which alike show an occipital torus in more or less pronounced form. The dental arch is ellipsoid in form in the three specimens.

The Tasmanian face has also much in common with the Australian. There are the same narrow forehead, the pronounced supra-orbital arches, the prominent zygomatic arches, and the broad nasal skeleton. Only in some of the Australians the stouter and more pronounced development of the lower part of the forehead, gives the race a Neanderthaloid appearance, though they are certainly to be counted among the varieties of Homo Sapiens recens. The men were 166 cm. high and the women 150 cm., slightly shorter than the Australians in average.

In spite of these resemblances the Tasmanians differed from the Australians in one very important feature, viz., their black hair was not wavy like that of the Australians, but woolly like that of the Malanesians. Another characteristic feature was the strong fold which descended laterally from the proximity of their nose to the outer corner of their broad mouth. Racially, as well as linguistically, their affinities were with the Malanesians, though they must be regarded as a specially inbred type.

Unfortunately, the Tasmanians are known to us to-day from their scanty skeletal remains, photographs and descriptions. Tonkanini, the last Tasmanian woman, died in 1877. 74 years after the island was colonized by the European settlers. At that time, 8,000 Tasmanian males were stated to be living. By 1854 their number was reduced to 16 males only, the last of them dying in 1865. Our best account of them is from the writings of the explorer Cook, in 1777.

It is curious how these people had reached Tasmania from the Malanesian archipelago without contacting with the Australians. Unlike the latter they had no boomerangs, their artefacts being of the Paleolithic type. They went about naked, had no bows and arrows, no pottery nor agriculture. They lived as collecting nomads on their floats on the rivers, subsisting mainly upon fish and molluscs.

For purpose of comparison a cast of the Neanderthal (Neander Valley) skull from Düsseldorf, western Germany, is also exhibited (Exhibit IV).

ANNUAL REPORT FOR 1941.

The Council of the Royal Asiatic Society of Bengal has the honour to submit the following report on the state of the Society's affairs during the year ending the 31st December, 1941.

The development of the War and more particularly the deterioration in the international situation in the latter part of 1941 seriously affected the activities of the Society and caused additional expenditure in safeguarding the rare and valuable collections and possessions of the Society which strained our slender resources to the utmost. It is satisfactory to note however that in spite of these handicaps, the work of reorganization and reconstruction recommended by the Special Enquiry Committee of 1939 was continued throughout the year and great headway was made. The details of this work are given in the following pages and special mention need only be made of two matters of importance, namely, that the arrears in the publications of the Society of the last two decades have almost been wiped off and the Journal and Proceedings have been brought up-to-date for the first time since 1917. Also, the practice of levying a proportionate share from the funds administered by the Society towards its general expenditure has been discontinued and an attempt has been made to meet the normal expenses of the Society out of its own income by observing strict economy and carefully checking all expenditure.

The Society shared in the great loss suffered by the nation in the passing of Dr. Rabindranath Tagore, Special Anniversary Honorary Member of the Society. The deaths of Prof. Charles Rockhill Lanman, Sir George Grierson and Sir James Frazer, Honorary Fellows of the Society, have removed from the world three of the most distinguished savants whose services in the cause of learning are irreparable. Similarly the deaths of Sir Ganganath Jha, Honorary Editor of "Manu Smṛti" in our Bib. Ind. Series, and Shams-ul-Ulama Dr. Hidayat Hosain, Editor of the Catalogues of the Society's Persian and Arabic MSS. and sometime its Jt. Philological Secretary, have left a great void in the world of Oriental Scholarship which it will be very difficult to fill. The Society also mourned the death of Maharajadhiraja Sir Bijoy Chand Mahtab of Burdwan who was for sometime one of our Vice-Presidents and whose breadth of mind and humane qualities endeared him to all who knew him.

Ordinary Members.

Gains and Losses.—These were as follows :—

Gains.		*Losses.*	
Elections carried forward	10	Lapses of election	12
New Elections	30	Elections carried over	5
		Deaths	6
		Resignations	5
		Rule 38	6
		Rule 40	11
TOTAL	40	TOTAL	45

Initial total 387 ; net loss 5, final total 382.

Rule 38.—This Rule concerning members whose subscriptions are in arrears, was strictly applied and the names of 6 members were removed from the roll.

Membership List.—The annual detailed checking of the membership list with the membership card index was made.

Life Members.—The number of our Life-Members at the end of the year was 58. One was lost by death; two members compounded during the year.

Deaths.—Among the distinguished and specially valued members lost to us, whose memory will be cherished, and for whose departure the Society is the poorer, the following may be mentioned:—

1. Maharajadhiraja Sir B. C. Mahtab (1911).
2. Dr. M. Hidayat Hosain (1911).
3. T. P. Ghose (1912).
4. Dr. M. E. Sufi (1937).
5. Mr. G. S. Dutt (1933).
6. Dr. S. K. Mukherjee (1927).

Associate Members.

We lost by resignation the following:—

L. S. Dugin.

The present number is 6, the statutory maximum is 15.

Ordinary Fellows.

On the date prescribed by the regulations for the issue of nomination papers for the election of Fellows there were no vacancies, consequently no election of Ordinary Fellows has taken place.

We lost through death the following:—

Dr. M. Hidayat Hosain.

At the end of the year the number was 48, the statutory maximum is 50.

Honorary Fellows.

We lost through death the following:—

Charles Rockwell Lanman (1896).
Sir George A. Grierson, K.C.I.E., O.M., Ph.D., D.Litt., LL.D., F.B.A. (1904).
Sir James Frazer, Kt., D.C.L., LL.D., Litt.D., (1920).

The number at the end of the year was 18; the statutory maximum is 30.

Special Anniversary Honorary Members.

Owing to the death of Dr. Rabindranath Tagore there remain only 9 Special Anniversary Members elected on the occasion of the Society's 150th Anniversary.

Condolences.

The Council sent letters of condolence to the relatives of the following:—

Dr. Rabindranath Tagore.
Dr. Sushil Kumar Mukherjee.
Maharajadhiraja Sir B. C. Mahtab.
Sir Ganganath Jha.
Shams-ul-Ulama Dr. M. Hidayat Hosain.

Council.

The Council met 12 times. The attendance averaged 12.

The following resolutions of thanks were passed by the Council:—

To Dr. N. N. Law for presenting to the Library of the Society the 1940 issues of the Indian Historical Quarterly.
To the Government of Bengal for the restoration of the 20% cut in a monthly grant of Rs.250.
To the Benares Hindu University for the storage of the Society's Manuscripts in the library of the University.

Office Bearers.

Changes in the Council were as follows:—

Sir S. Radhakrishnan, absent from 1st July and resigned on 4th August.
Major C. L. Pasricha, absent from 15th March to end of the year.
Sir John Lort-Williams, absent from August to November and Col. Sir R. N. Chopra officiated for him.
Dr. Baini Prashad, absent for 10 days in February, and Major C. L. Pasricha officiated for him, again for 10 days in May and 2 weeks in November and Dr. B. S. Guha officiated for him.
Dr. B. S. Guha, absent during October and Dr. Kalidas Nag officiated for him.
Col. Sir R. N. Chopra, absent from November till the end of the year.

Committees of Council.

The Standing Committees of Council, namely, the Finance, Publication, and Library Committees, met monthly, with the exception of the recess month of October. A special meeting of the Finance Committee was held in December to consider the Budget for 1942.

The following Sub-Committees were appointed:—

(1) A Sub-Committee consisting of the Ex-Officio members, the Library Secretary and Mr. A. R. Foster to discuss methods of preservation of old records and MSS.

(2) A Sub-Committee consisting of Dr. Kalidas Nag, Dr. M. N. Saha, Dr. J. N. Mukherjee and the Ex-Officio Members to define the duties of the Assistant Secretary.

Office.

The measures undertaken in the previous year for ensuring greater efficiency and more expeditious handling of office matters were continued and stricter observance of punctuality by the staff and closer scrutiny of all expenditure were enforced. The confusion and lack of system found in the records and files of the Society could not however be fully cured, though good progress was made in sifting and classifying all past correspondence according to subject matter and date. Among other necessary reforms were the introduction of a proper system of purchase and supply of stamps and a stamp book which is checked periodically by the General Secretary and the Treasurer. It is to be hoped that with the purchase of a franking machine recently sanctioned, complaints of non-receipt of packages, etc., will disappear. Similarly a stationery book has been introduced with a record of all office stationery issued to the staff.

In order to regularise the purchase and supply of office requisites a requisition book and an order book are now kept and each section is required to send in a list of its requirements in proper form at the beginning of each month, and supplies are then issued from stock or obtained from outside on approved quotations.

In conformity with the practice adopted by the Government and other public institutions, Bengal time is now observed. The office hours of the Society are from 10 a.m. to 4-30 p.m. on week days (Saturdays 10 a.m. to 1-30 p.m.) and the library hours are from 10 a.m. to 5-30 p.m. on week days (Saturdays 10 a.m. to 4-30 p.m.).

There has been little change in the personnel of the staff except that the first Pandit Aghornath Bhattacharya retired after serving the Society for 19 years. In his place his son Pandit Girija Nath Bhattacharya, B.A., who had been serving as an apprentice for over eight months was appointed on probation at Rs.50 per month in the junior scale as from 1-5-1941.

The services of Mr. J. C. De, Asst. Secretary, were transferred to the Library with effect from the 1st of December, 1941 after the expiration of the period of six months' extension of his services granted to him on 30-5-41, and Mr. P. O. Matthai, Librarian, was appointed as Superintendent of the office. These steps were taken as experimental measures for six months in the first instance without making any change in their existing salaries and emoluments.

Correspondence.

In spite of the War the numbers of letters received and issued during the year were 2,559 and 2,339 respectively. Of letters received 600 were book orders, bills and bank acknowledgment receipts; 375 letters were issued in addition to those which needed replies. 200 Council circulars also were issued during the year.

Stock Rooms.

The re-arrangement of the stock rooms on the ground floor was continued.

The stock-taking of all saleable publications of the Society has been completed and they have now been tied up in small bundles, arranged and classified under three main heads, namely (*a*) *Miscellaneous publications* consisting of catalogues and notices of Sanskrit Manuscripts, Centenary Reviews, Proceedings of the Indian Science Congress for the first twenty-five years and other miscellaneous works, (*b*) *the Society's own Periodicals* including the valuable and rare Asiatic Researches; the Journal, old series, from Vol. 1–75, 40 volumes of the Proceedings, of the Society from 1865–1904, the Journal and Proceedings, new series from 1905 to 1931, Memoirs and the third series of the current issues of the Journal and Proceedings, and (*c*) the publications of the *Bibliotheca Indica Series* consisting of 263 separate works of about 1,800 different fascicles and divided into (i) Arabic works on Islamic culture, (ii) Persian works on Islamic culture, and (iii) works on Sanskritic and Tibetan and tribal languages such as Lushai and Kui. Separate registers have been prepared for each section and printed labels placed on every shelf giving the exact number of available copies.

Rules and Regulations.

No changes were made in the Rules and Regulations except the addition of new clauses in place of Regulation No. 17 of the Provident Fund Regulations of the Society with a view to bringing them in conformity with those of the Government and other public bodies.

Representations.

Indian Museum.—The Society's representative on the Board of Trustees of the Indian Museum, under the Indian Museum Act X of 1910, was Sir U. N. Brahmachari till November who was replaced by Dr. J. N. Mukherjee.

Kamala Lectureship—The Society's nominee to serve on the Selection Committee of the Kamala Lectureship, administered by the Calcutta University, continued to be Dr. Baini Prashad.

National Institute of Sciences of India.—The Society's representatives to serve on the Council of the National Institute of Sciences of India were Mr. W. D. West as Vice-President and Major C. L. Pasricha as member of the Council for 1941.

Sarojini Basu Gold Medal.—The Society's nominee to serve on the Special Committee for the award of the Sarojini Basu Gold Medal administered by the Calcutta University, was Prof. V. Vedantatirtha.

Royal Asiatic Society of Great Britain and Ireland.—The Society's nominee for the corresponding fellowship of the Royal Asiatic Society of Great Britain and Ireland was Dr. S. K. Chatterji.

Indian Historical Records Commission.—The Society's representative to serve on the Indian Historical Records Commission was Mr. C. W. Gurner.

Deputations.

The Society received invitations to send representatives to the various functions of the under-mentioned bodies:—

Silver Jubilee of the Benares Hindu University on 21-1-42.
Fifth Session of the Indian History Congress at Hyderabad on 21st to 23rd December 1941.

Congratulations.

The Council sent congratulatory addresses to Sir Profulla Ray and Sir Nilratan Sircar on the occasion of their 80th birthdays.

Birthday Honours

Khan Bahadur M. Zafar Hasan—O.B.E.
MM. Ganganath Jha—Knighthood.

New Year Honours

Col. R. N. Chopra—Knighthood.
Mr. C. W. Gurner—C.S.I.
Mr. J. P. Mills—C.I.E.
Mr. Percy Brown—M.B.E.
Mr. David Roy—M.B.E.
Mr. J. S. H. Shattock—M.B.E.

Visits.

Among a number of visitors from various parts of the world mention may be made of the following:—

The Lady Mary Herbert.
Prof. Thomas Whitemore, Harvard University, Cambridge, Mass.
Mr. and Mrs. D. M. Donaldson, Aligarh, U.P.

Awards.

Elliott Prize for Scientific Research.—The annual prize offered for the year 1940 was for research in Mathematics. No papers were submitted for competition.

The prize offered for the year 1941 was for Chemistry. An announcement regarding the prize will be made at the Annual Meeting in 1942.

The prize for next year will be for research in Physics.

Barclay Memorial Medal.—The announcement of the (biennial) award of the medal will be made at the Annual Meeting. in 1942.

Sir William Jones Memorial Medal.—The (triennial) award for conspicuously important Asiatic Researches in Science, including medicine, was announced at the Annual Meeting in 1941. The medal was awarded to Sir Profulla Chandra Ray, Kt., C.I.E., D.Sc., F.R.A.S.B., F.N.I.

The next award will be announced at the Annual Meeting in 1944.

Annandale Memorial Medal.—The next (triennial) award, for important contributions to the study of Anthropology in Asia will be made at the Annual Meeting in 1943.

Joy Gobind Law Memorial Medal.—The announcement of the (triennial) award for conspicuously important work in Zoology in Asia, will be made at the Annual Meeting in 1942.

Paul Johannes Brühl Memorial Medal.—The announcement of the (triennial) award, for important contributions to the study of Asiatic Botany will be made at the Annual Meeting in 1942.

Indian Science Congress, Calcutta, Prize.—The next award will be made in connection with the next session of the Congress to be held in Calcutta.

Pramatha Nath Bose Memorial Medal.—The Council has not yet decided upon the year in which the initial award shall be made of this medal for conspicuously important contributions to practical or theoretical Geology with special reference to Asia.

Society's Premises and Possessions.

For the purpose of protection screens of flexible material have been fixed on all windows and outer doors in the stock and library rooms on the ground floor, and for greater facility of access a door has been provided in the eastern stock room leading to the central passage. The cost of these alterations was Rs.815-2-0.

Considerable use was made of the Society's Ica Famulus Camera for photostating, and the camera for microfilming manuscripts and documents. Among others, photostat copies of the manuscript Malatimadhava with Harihara's commentary were made for the Bhandarkar Oriental Research Institute and of the map of ancient Kashmir given in Sir Aurel Stein's 'Chronicle of Kashmir' for the Survey of India.

Eight Sanskrit Manuscripts were microfilmed for Dr. Horace Poleman, Director of Indic Studies, who was instrumental in obtaining the loan of the microfilm camera for the Society. Orders were also received from Harvard College Library for microfilming documents and papers. The cost of preparing photostat and microfilm copies unfortunately has increased considerably owing to the heavy rise in the prices of photographic materials.

Artistic and Historical Possessions.

Ten of the most valuable paintings in the possession of the Society were cleaned and the frames repaired and re-guilded at a cost of Rs.140, under the direction of Mr. Percy Brown.

Library.

The re-organisation of the Library, commenced in 1939, was continued. The manuscripts and printed works in the Arabic, Persian and Urdu languages were transferred from the ground floor where they were housed temporarily during the installation of steel almirahs to the Arabic-Persian Room on the first floor, and were classified and arranged in proper order.

After completion of the stocktaking of the general section of the Library mentioned in the Annual Report for 1940, the periodicals and the Journals were taken in hand and the work was finished in April 1941. From the report submitted by Mr. P. O. Matthai it appears that the total number of books in the possession of the Society on 1-5-1941 was 27,397 and the bound volumes of Periodicals numbered 27,029 making a grand total of 54,426. The report disclosed that :—

(1) 481 books mentioned in the catalogue published in 1934 are not traceable and must now be considered lost.

(2) Over 2,000 books were found which did not appear in the catalogue of 1934 although registered and added to the Library before its publication.

(3) Over 3,000 books were found to be worm-eaten and needed attention and re-binding.

(4) Of 904 Periodicals found there is a record of 462 in the only periodical register kept. The rest must be assumed to be either discontinued or extinct.

(5) About 170 periodicals have been added to the Library since the publication of Kemp's Catalogue in 1914.

(6) There are about 3,500 bound sets of Periodicals which require repair and re-binding.

Among the innovations introduced during the year is a loose-leaf register in which leaves containing the names of books are arranged alphabetically according to the author and the subject in two separate sections. This register contains all the necessary information from which complete author and subject catalogues can be prepared. Two separate registers for periodicals, showing which of them have been purchased or received by exchange, or by presentation were introduced and another containing detailed information about the distribution of the Society's publications.

Binding and Repair.—1,238 old damaged and worm-eaten books were repaired and re-bound at a cost of Rs.1,776-6. A large sum has been provided for similar purposes in the budget for 1942.

Accessions.—Exclusive of 167 periodicals, accessions were 155 volumes, of which 40 were purchased and the rest presented. There has been a drop in the number of periodicals received owing to the international situation. The same cause is responsible for the smaller number of books purchased the total amount spent being only Rs.999-11-6 out of Rs.2,000 allotted for the purpose.

Seven new Journals were added to the Library, namely (1) The Journal of the Osmania University, Faculties of Theology and Arts and Faculty of Science; (2) The Bulletin of the Deccan College Research Institute; (3) Pushtu Tolana, Kabul; (4) The Indian Messenger from the Sadharan Brahmo Samaj, Calcutta; (5) Anthropological Papers from the Calcutta University; (6) Agriculture and Live Stock in India from the Imperial Council of Agricultural Research, New Delhi; and (7) Calcutta Medical Journal.

The first two were received by exchange and the last five by presentation.

Book Reviews.—As a result of the publication of Book Reviews in the Journal of the Society books are being received regularly from authors for review five of whom presented a second copy to the Library.

Sanskrit Section.—The number of manuscripts repaired was 108, and 5,062 have been dusted and rearranged.

A revised numerical list of the Bardic manuscripts was made and the preparation of an alphabetical list of titles of the manuscripts on loan from the Museum, arranged according to subjects, was commenced. Also, lists of the rare and important manuscripts after careful scrutiny, with their approximate values, was prepared for purposes of evacuation and safe preservation outside Calcutta.

Arabic and Persian Section.—Sixty-one damaged manuscripts were repaired and forty-eight were re-bound. The number of worm-eaten manuscripts still unrepaired is 1,983. A list of the rare and valuable manuscripts with their approximate values was prepared for purposes of evacuation.

Sino-Tibetan Section.—The preparation of the catalogue of Tibetan Tangyur manuscripts was continued and progress was made up to volume 24. New labels in both Tibetan and English written alphabetically were put on each manuscripts. Also, a list of the rare and most important Tibetan manuscripts and xylographed works with their values was prepared for purposes of evacuation. The total amount spent during the year on repair of manuscripts in the three sections was Rs.1,287-5.

Enforcement of Regulations.—Strict application of the terms of Library Regulation No. 12 had to be enforced as the practice grew of keeping books for more than three months. Cards giving the details, the dates of issue and return, placed inside a flap fixed at the back of each book, have made the periodical checking of borrowed books much easier.

Permanent Library Endowment Fund.—The Society has not received any donations during the year. The total amount in the Fund is Rs.16,176-8-8 in 3½% Government Securities.

Finance.

Appendix III contains the usual Statements showing our accounts for 1941. According to the recommendations of the Special Enquiry Committee all sale proceeds of our publications and subscriptions to the Journal and Memoirs have been credited to the Publication Fund.

As usual the Fund Accounts show their invested assets written down to their market values as at the end of the year and Investment Account No. 22 shows the allocation of invested paper to each fund specifically, whilst both market and face values of the investments are shown in it.

Statement No. 24 shows the Balance Sheet of the Society and the different funds administered by and through it.

The funds belonging to, or administered by, the Society are classified as follows:—

(*a*) General Fund:—
  (i) Permanent Reserve.
  (ii) Working Balance.

(*b*) Specific Funds belonging to the Society.
(*c*) Funds administered by the Society.

At the end of the year, the position of these Funds was as follows:—

	Face value, 31st December 1941.	Market value, 31st December 1941.
	Rs.	Rs.
1. General Fund	2,96,400	2,77,200
(*a*) Permanent Reserve	2,54,200	2,35,000
(*b*) Working Balance	42,200	42,200
2. Specific Funds belonging to the Society ..	33,200	32,500
3. Funds administered by the Society ..	73,600	71,300
	4,03,200	3,81,000

During the year 1941, Rs.736 were received as admission fees and Rs.590 as compounding fees. This total amount of Rs.1,326 will be transferred to the Permanent Reserve by conversion of Government Paper (3½%) belonging to the Temporary Reserve.

The Government of Bengal lifted the 20% cut in regard to two grants, but maintained the cut in all other grants made by them to the Society during the year.

The Society received the following grants from the above Government:—

For	Rs.	Statement
Journals	1,600	No. 19.
O.P. Fund No. 1	7,600	No. 2.
O.P. Fund No. 2	4,800	No. 3.
Sanskrit MSS.	6,080	No. 4.

The Government of Bengal annual grants of Rs.2,400 for the publication of works of historical interest (O.P. Fund No. 2) for both the years 1940-41 and 1941-42 were received during the year.

The debit balance of the Oriental Publication Fund No. 2 (Statement No. 3) is still remaining but it has been brought down from Rs.11,084-15-10 to Rs.8,152-14-7. Special attempts are being made to restore this Fund to working order.

The Government of India maintained the 50% cut in the grant for Arabic and Persian MSS. (Statement No. 5). Special effort to restore the cut was made by our Honorary Treasurer during the year. The grant for the year 1941-42 has not yet been received. The fund closed with a debit balance of Rs.4,243-11-3.

The income derived from Advertising amounted to Rs.10,200.

The temporary investments of funds in Fixed Deposit and Savings Bank are shown in Statements Nos. 21 and 20.

Statement No. 18 gives an account of the amounts due to and by the Society for membership subscriptions, sales of publications and contingent charges.

The Government Securities, shown in Statement No. 22, are held in safe custody by the Imperial Bank of India, Park Street, Branch. During the year there was a considerable depreciation of the securities amounting to Rs.4,997-8-0, decreasing to that extent the book assets of the Society.

The Budget estimate for 1941 and the actuals of the year were as follows:—

Estimates.	Receipts.	Expenditure.
	Rs.	Rs.
Ordinary	51,830	50,530
Extraordinary	800	800
TOTAL	52,630	51,330
Actuals.		
Ordinary	53,160	49,521
Extraordinary	1,326	1,326
TOTAL	54,486	50,847

The ordinary receipts were about Rs.1,330 more than the estimate.

The ordinary expenditure was about Rs.1,009 less than the estimate.

The Budget estimates for probable expenditure have as usual been framed to meet demands under various heads based on a vigorous activity in all departments of the Society's work. Special provision had to be made for A.R.P. measures taken by the Society to preserve its properties and evacuation of a large number of the most valuable and rare manuscripts and historical objects belonging to the Society.

The receipts have been conservatively estimated.

BUDGET ESTIMATE FOR 1942.

Ordinary Receipts.

	Budget estimate for 1941.	Actuals for 1941.	Budget estimate for 1942.
	Rs.	Rs.	Rs.
Interest on Investments and Deposits	9,800 750	9,802 600	9,800 750
Advertising	10,200	10,200	10,200
Rent	10,680	10,680	10,680
Annual Grant	1,600	1,600	1,600
Miscellaneous	300	390	300
Members' Subscription	9,000	8,920	8,000
Publications sales and Subscriptions	5,500	6,968	5,000
Proportionate Share of Funds—			
O.P. Fund No. 1	2,000	2,000	..
Sanskrit MSS. Fund	2,000	2,000	..
TOTAL	51,830	53,160	46,330

Extraordinary Receipts.

By Fees—	Rs.	Rs.	Rs.
by Admission Fees	800	736	700
by Compounding Fees	..	590	..
by Institutional Membership Registration Fees	..	..	..
TOTAL	800	1,326	700

Ordinary Expenditure.

	Rs.	Rs.	Rs.
Salaries	21,800	21,887	22,250
Commission	300	264	300
Stationery	600	1,506*	1,000
Fan, Light and Telephone	600	486	500
Taxes	2,400	2,388	2,400
Postage	1,600	1,369	1,400
Contingencies	700	1,227*	1,000
Petty Repairs	200	160	150
Insurance	500	500	500
Menials' Clothing	120	392*	50
Office Furniture	200	525*	1,000
Building Repairs	2,000	2,000	2,000
Provident Fund Share	700	658	700
Audit Fee	250	250	250
Books, Library	2,000	1,133	1,000
Binding	2,000	1,805	4,500
Journal and Memoirs	7,000	6,445	6,500
Printing, Circulars, etc.	500	540	700
Gratuities	..	690*	..
Cataloguing Bengali MSS.	500	..	..
Steel-shelving	6,560	5,296	..
TOTAL	50,530	49,521	46,200

* Special sanction by Council.

Extraordinary Expenditure.

	Budget estimate for 1941.	Actuals for 1941.	Budget estimate for 1942.
	Rs.	Rs.	Rs.
To Permanent Reserve—			
by Admission Fees ..	800	736	700
by Compounding Fees ..	..	590	..
by Institutional Membership Fees	..	..	..
TOTAL ..	800	1,326	700
To removal and Insurance charges for MSS. to Benares..	..	..	5,500

Publications.

During the year two numbers of volume VI of the *Journal* for 1940, one *Letters* and one *Science*, consisting of 174 pages with 2 plates, title pages and indexes were published. Also the complete volume VII of the *Journal* for 1941. This contained two numbers of *Letters*, one of *Science* and one *Year-Book* covering 478 pages with 19 plates. This is the first time since 1917 that the current volume of the *Journal and Proceedings* has been published and distributed within the year.

Memoirs.—The manuscript of *Mahāvyutpatti* by Alexander Csoma de Körös which has been lying incomplete since 1910 has been revised and recopied by Prof. Durga Charan Chatterjee and Mr. Trin Chen and sent to the press. It is expected that this MSS. and volume IV of the *Memoirs* will be published early in 1942. There is no other work outstanding in the *Memoirs*.

Bibliotheca Indica Series.—The following works were published during the year.

(1) *Kesar Saga.*—A lower Ladakhi version of the Kesar Saga recovered by the late Dr. A. H. Francke from Khalatse in lower Ladakhi and probably the oldest and most important corpus of the Kesar legend. It consists of the Tibetan text, English Abstracts of Contents, Notes, Vocabularies and Six Appendices. Prof. Suniti Kumar Chatterji has furnished an exhaustive and illuminating introduction reviewing the whole Kesar Saga literature and its place in Central Asia. Pp. 1–494 and i–xxxii.

(2) *The Doctrine of Nimbārka,*—Vol. II, pp. 475–884, by Dr. Roma Bose. This completes the English translations and annotations of two commentaries on Brahma Sūtras known as the 'Vedānta-Pārijāta-

Saurabha' of Nimbārka and 'Vedānta Kaustabha' of Śrīnivāsa. The third and the last volume giving a full philosophical exposition of Nimbārka's doctrine is in the press and is expected to be published during 1942.

(3) *Vaikhānasa-Śrauta-Sūtram.*—Being the description of vedic rites as interpreted by the Vaikhānasa school of the Black Yajurveda. The text was critically prepared by the late Prof. Willem Caland of Utrecht together with an Index by Prof. Raghu Vira of Lahore. The work consists of the Preface pp. i–xxxvi, text pp. 1–334 and an Index pp. 335–408.

(4) *Maāthir-ul-Umarā.*—Vol. 1, fasc. VII, pp. 601–840. This is the final fascicle of the English translation of volume one containing the biographies of the Muhammedan and Hindu officers of the Timurid Sovereigns of India from 1500 to 1700 A.D. by Nawwāb Ṣamṣām-ud-Daula Shāh Nawāz Khān and 'Abdul-Ḥayy. The English translation was originally prepared by H. Beveridge and pp. 1–600 of the first five fascicles and part of fascicle six were published between 1911-14. The rest of the fascicle six (pp. 601–840) was revised, annotated and completed by Dr. Baini Prashad and is now issued together with a prefatory note, pp. i–vii.

(5) *Tadhkira-i-Humāyūn Wa Akbar of Bāyazīd Biyāt.*—The Persian text of Bāyazīd Biyāt now published contains the history of the Emperor Humāyūn and his son Emperor Akbar and is edited with notes and a Preface in English by the late Shams-ul-Ulama Dr. M. Hidayat Hosain, pp. i–vii and 1–450.

Descriptive Catalogue of Manuscripts in the possession of the Royal Asiatic Society.

The Catalogue of Vernacular Manuscripts in Bengali, Hindi, Gujrati, Marwari and Uriya, prepared by the late MM. H. P. Shastri and revised and edited by Mr. Jogendra Nath Gupta together with an Introduction in English was published at the end of the year. This Catalogue forms Vol. IX of the Descriptive Catalogue prepared by the late MM. Shastri and contains short descriptions of 445 manuscripts dealing with the epics of the Rāmāyaṇa and Mahābhārata, Vaiṣṇava Literature, Astrology, Mathematics, Travel, Romance, Śākta and Vaiṣṇava sects and other miscellaneous subjects. The volume consists of an Introduction in English and 1–420 pages of text and index.

Of the works mentioned in Annexures A and B of Appendix II of the Report of the Special Enquiry Committee of 1939 *the* *following still remain to be published. A full list of the works published during 1939-41 is given in Appendix II.*

Annexure A.

Tīrtha Kalpa edited by Pandit Kedar Nath of Jaypur together with an introduction by Prof. Suniti Kumar Chatterji. The complete manuscript sent by Pandit Kedarnath has been printed and the whole work will be issued as soon as the English Introduction, to be written by Prof. Suniti Kumar Chatterji, is submitted.

Haft-Iqlim.—The materials for Vol. II of the work are under preparation by Prof. M. Mahfuzul Haq.

Vajjalaggam.—No materials have been received from the editor, Mr. Johan van Manen.

Annexure B.

Kuttanimatam.—Edited with notes by Pandit Madhusudan Kaul of Kashmir. Pandit Kaul who obtained permission from the Kashmir State to edit this work has completed the text which has now been printed. The book will be issued as soon as the Notes have been received from him and printed.

Works in the Bibliotheca Indica series in which further progress was made during the year, are :—

(1) *The Doctrine of Nimbārka*, Vol. III, by Dr. Roma Chaudhuri.

(2) *Amal-i-Salih or Shah Jahan Nama.*—An Index, to the three volumes already printed and issued, is still in preparation by Mr. G. Yazdani of Hyderabad.

(3) *Bhagawad Gīta* (in Persian verse) in preparation by Dr. Baini Prashad.

(4) *Maāthir-ul-Umarā.*—Vol. II, English translation edited by Dr. Baini Prashad.

New work in the Bibliotheca Indica Series accepted for publication :—

The English translation of *Padmāvati* of Malik Muhammad Jaisi prepared by Mr. A. G. Shirreff, I.C.S., from the Hindi texts published by the late Sir George Grierson in the Bibliotheca Indica Series in 1911 and the Benares Edition published by the Nāgri Prachāriṇi Sabhā. The complete manuscript is now in the press.

I. *Descriptive Catalogue of Manuscripts.*—The materials for the *Descriptive Catalogue of Sanskrit Manuscripts* prepared by the late MM. Haraprasad Shastri that still remain to be

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published concern the subjects of (1) Philosophy, (2) Jyotiṣa, (3) Jaina, and (4) Vaidyaka, besides those dealing with miscellaneous subjects and Addenda and Supplements which will form the six concluding volumes of the series. It was decided that instead of entrusting the whole work to one scholar for revision, specialists in the different subjects should be invited to revise the work with a view to expediting the publication and more thorough checking of the materials. Accordingly, the work was divided among the following scholars:—

Volume X dealing with Philosophy to Prof. Narendra Chandra Bhattacharyya, M.A., Vedantatīrtha, etc.; Volume XI, dealing with Jyotiṣa to Prof. P. C. Sen Gupta and Mr. N. C. Lahiri; and Vol. XIII Vaidyaka to Kaviraj Bimalananda Tarkatīrtha.

Vol. XIV–XV.—Miscellaneous and Addenda and Supplement to Prof. Chintaharan Chakravarti.

Of these the materials for Vols. X and XI dealing with Philosophy and Astronomy have been revised and edited by Profs. Bhattacharyya and Sen Gupta and are now in the press.

II. *Catalogue of Arabic Manuscripts.* Vol. II, pp. 1–80 of the volume have been printed and pp. 81–118 are in proof. Unfortunately, the sudden death of Shams-ul-Ulama Dr. Hidayat Hosain in November 1941 has made further printing of the work impossible for the present. A new editor will have to be engaged to complete the work.

In view of the shortage and enormous increase in the price of paper and other printing materials as a result of the War, it has been decided for the present to limit the volume of the *Journal* to three issues, namely, one *Letters*, one *Science*, and one *Year-Book* consisting altogether of 600 pages and 12 plates.

Philology.

Five papers were read and published during the year. Two papers were read during the year and will be published later.

History.

Three papers were read and published during the year. One paper was read during the year and will be published later.

Anthropology.

Five papers were read and published during the year.

Archaeology.

Two papers read in the previous year were published. Four papers were read and published during the year.

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Natural History : Zoology.

Five papers were read and published during the year.

Natural History : Botany.

One paper was read and published during the year.

Mathematics.

One paper read in the previous year was published during the year.

Psychology.

One paper was read and published during the year.

Papers published in the Journal by well-known writers in 1941.

(1) Dr. Franklin P. Metcalf.
(2) Mr. D. H. Gordon.
(3) Dr. Siddheshwar Varma.
(4) Mrs. E. W. E. Macfarlane.
(5) Dr. J. B. Grant.
(6) Mr. E. F. O. Murray.
(7) Dr. R. C. Majumdar.
(8) Dr. Christoph von Fürer-Haimendorf.

Air Raid Precaution Measures.

As a result of the close approach of the War to India measures had to be taken to protect the possessions and the rare and valuable collections of the Society. At a cost of Rs.690 a full set of A.R.P. equipment has been purchased, and sand bags, buckets and water tanks placed in various parts of the building. Glass in doors, windows and sky-lights has been removed and glass panes in the steel almirahs reinforced with glued muslin and kraft paper. One of the clerks, N. Gupta, was sent to the A.R.P. training school for training and he is now instructing the menial staff of the Society in the use of all A.R.P. measures against possible air-raids

As, however, no method of protection exists against direct hits from explosive bombs, it was decided not to take any risk with the rare manuscripts and historical and art collections of the Society but to send them away for safe custody outside Calcutta. Through the kind offices of Sir S. Radhakrishnan, Vice-Chancellor of the Benares Hindu University and sometime Vice-President of this Society, it was arranged to send, as a first instalment about 2,500 of the most valuable and rare manuscripts to the Benares Hindu University Library. The General Secretary, accompanied by Mr. J. C. De, went to Benares and supervised the removal of sixty cases containing the collections to a specially allotted room on the first floor of the Sayajit Rao Gaekwad Library. The Asokan Edict from Jeypore and 21 bronze and marble busts have been removed to a place of safety in Calcutta.

Lady Mary Herbert graciously visited the rooms of the Society, on the 26th December 1941, at the invitation of Mr. Justice Edgley and having inspected the paintings very kindly agreed to keep ten of the most valuable of them at the Government House, Darjeeling. These were delivered by Mr. P. O. Matthai to the S.D.O. at Government House.

The cost of removal and insurance of these valuable possession has been very heavy and a serious drain on the slender resources of the Society. The premium alone for the insurance against Fire and Burglary of the sixty cases of manuscripts, etc., sent to Benares was over four thousand rupees. The evacuation of the rest of the paintings and about 7,000 more of important and valuable manuscripts and rare and unobtainable sets of Journals and books will further dissipate our funds. But, as the preservation of these national treasures is of supreme importance, the situation will have to be faced and the expenditure met.

General Lectures.

The following General Lectures were delivered before fairly large audience of members and visitors :—

February 26th	Mr. Percy Brown : The Arts of Nepal.
March 7th ..	Dr. J. B. Grant : Rural Reconstruction—China.
,, 10th ..	Dr. F. Vreede : The living Culture of Java.
,, 14th ..	Sir S. Radhakrishnan : Is Religion a Spent Force ?
,, 25th ..	Dr. S. L. Hora : Life-history and Wanderings of *Hilsa* in Bengal Water.
April 2nd ..	Lt.-Col. S. D. Greval : Blood Groups and Types.
,, 9th ..	Dr. Immanuel Olsvanger : The Resurrection of a Language.
July 4th ..	Mrs. Savitri Mukherji : The Amarna Art.
,, 22nd ..	Mrs. Savitri Mukherji : King Akhnaton and his Philosophy.

Cultural Activities.

In addition to general lectures, facilities were provided for scholars who visited the Society for study and research, and information was given to Institutions and individual scholars on matters of antiquarian and historical interest. Mention may be made of the following.

(1) Maharajkumar Raghubir Sinh with a note on the lives of John Collins and Josiah Webb.

(2) Lt. Commander Geoffrey Rawson of Sydney, Australia, with a note on '*Sydney Cave* which sailed from Calcutta to Australia in 1798'.

(3) The University of Dacca with some of the Society's blocks for reproduction in its forthcoming publication on the History of Bengal.

(4) The Survey of India with a map of Ancient Kashmir for reproduction, published in Sir Aurel Stein's article in our *Journal*.

(5) Mr. Saroj Bhusan Barua, Govt. of Bengal Research Scholar, continued for the greater part of the year his research on Later Buddhism in the Society's Library.

(6) Miss Soma K. Joshi, a post-graduate student, carried on her studies in ancient Indian History in the Library.

Others who made use of the Library were:—

(1) Miss Post Wheeler of the United States of America.
(2) Miss S. Benjamin (Bethune College), Calcutta.
(3) Mr. K. Banerji of the Meteorological Department, Alipore.
(4) Dr. J. P. Chaudhuri (Presidency College), Calcutta.
(5) Mr. Isvarabhai Patel of Bombay.
(6) Prof. Dinesh Bhattacharya of the Hugli College.
(7) Swami Sadananda of the Gauriya Math.

General.

Routine work in respect of the local distribution of the Society's publications, circulars, forms, etc., and the keeping up to date of the addresses of Members was carried out as usual, but the posting of Journals, etc., to belligerent and many neutral countries affected by the War was either stopped altogether, or was seriously handicapped by delays in shipment.

Printers.

Under the capable superintendence of Messrs. P. Knight and G. E. Bingham, the Baptist Mission Press continued to act as our chief printers and gave, as usual, their invaluable assistance. Mention may also be made of the help rendered by the Directors of the Inland Printing Works in doing minor printing works for the Society.

Agencies.

Our European, American and Indian Agents remain the same. An extension of the list for Asiatic countries could not be made owing to the unsettled conditions in most of the countries.

Exchange of Publications.

The following applications for exchange with the Society's publications were considered by the Council, and its decisions are noted below:—

Publications of :	*To be exchanged with :*
Sri Venkateswara Oriental Institute, Tirupati	Journal.
Afghan Riyasat, Kabul	Journal.
Board of Research, Osmania University, Hyderabad	Journal.

Meetings.

The Ordinary Monthly Meetings of the Society were held regularly with the exception of the recess month, October. The average attendance was 15 members and 2 visitors. The maximum attendance was in December with 17 members and 4 visitors.

There were no meetings of the Medical Section.

Exhibits.

At the Ordinary Monthly Meetings exhibits were shown and commented upon by the exhibitors. The following may be mentioned:—

S. K. Chatterji: A Bengali Reader published in Petrograd in 1922.
J. C. De: Letter to Lord Clive, dated the 4th July, 1766.
M. H. Hosain: Tafsir Nishapuri.
Baini Prashad: A note on Fatawa-i-Alamgiri.

Communications.

Apart from papers, communications on matters of considerable scholarly and scientific interests were made from time to time at the Ordinary Monthly Meetings. Among such communications, the following may be mentioned:—

Chintaharan Chakravarti: Sanskrit MSS. in the Royal Asiatic Society of Bengal.
Baini Prashad: Birth of Nur Jahan.
S. L. Hora: A hump-backed Catla; Races and Varieties of Mahseer.
B. R. Chatterjee: Our trip to Tholing Monastery in Western Tibet.
B. K. Chatterjee: Some peculiar implements made of Tridacna Shell from the Nicobar Islands.
M. H. Hosain: The Persian Histories of the Carnatic.

Solicitors.

The Society is under obligation to its Solicitors, Messrs. B. N. Basu & Co., for prompt and valuable service rendered during the year. To the head of the firm, Mr. J. N. Basu, it is specially indebted for his courtesy and ungrudging help on all occasions when there was any need to consult him.

Conclusion.

The development of the international situation and the approach of War to its very shores could not but have far reaching effect on India, and the Royal Asiatic Society of Bengal, like other institutions in this country, has not escaped from the consequences. One of these has been the resignation of a larger number of its members and the admission of fewer new members than is usual in normal time. Another consequence has been the enforced curtailment of its publications as a result of the high cost of printing materials. The necessity for taking emergency measures against possible air raids and the evacuation of the rare and valuable collections of the Society have made a serious drain on its resources which have never been very large. For any large undertakings therefore we shall have no means in the near future, unless our funds can be augmented by increased grants from the Government or benefactions from some of our more richly endowed members. In Europe and America learned Societies like ours depend primarily for funds upon rich philanthropists. Unfortunately, our wealthy men have not yet shown much inclination to help us or other learned Societies in this way but it is to be hoped that this appeal will find a responsive chord in the hearts of some of them to enable this Society to continue its work of more than a century and a half in the cause of oriental scholarship and antiquarian research.

[APPENDIX I.]

Membership Statistics.

(As calculated for December 31st, for 30 years.)

YEAR.	ORDINARY.								EXTRA-ORDINARY.					Grand Total Membership.	FELLOWS.	
	PAYING.				NON-PAYING.			Total Ordinary Members.								
	Resident.	Non-Resident.	Foreign.	Total.	Absent.	Life.	Total.		Centenary Honorary.	Associate.	Institutional.	Anniversary Honorary.	Total.		Honorary.	Ordinary.
1912 ..	203	229	19	451	43	23	66	517	3	13	..	..	16	533	27	24
1913 ..	200	211	19	430	46	23	69	499	3	14	..	..	17	516	27	28
1914 ..	191	187	19	397	50	26	76	473	3	14	..	..	17	490	24	27
1915 ..	171	188	21	380	40	25	65	445	3	15	..	..	18	463	29	31
1916 ..	145	159	18	322	60	25	85	407	3	15	..	..	18	425	26	33
1917 ..	150	144	15	309	45	24	69	378	2	12	..	..	14	392	22	35
1918 ..	153	145	17	315	43	24	67	382	2	10	..	..	12	394	22	39
1919 ..	141	128	15	284	64	25	89	373	2	11	..	..	13	386	18	36
1920 ..	161	134	15	310	32	26	58	368	2	11	..	..	13	381	28	38
1921 ..	160	132	16	308	26	26	51	359	2	12	..	..	14	373	28	40
1922 ..	160	141	16	317	26	26	52	369	2	13	..	..	15	384	30	39
1923 ..	147	120	13	280	30	27	57	337	2	11	..	..	13	350	28	37
1924 ..	209	134	12	355	29	28	57	412	2	12	..	..	14	426	27	37
1925 ..	263	137	12	412	23	27	50	462	2	12	..	..	14	476	26	34
1926 ..	319	162	20	501	23	28	51	552	2	12	..	..	14	566	25	34
1927 ..	328	167	18	513	28	33	61	574	2	13	..	..	15	589	28	38
1928 ..	344	167	23	534	42	46	88	622	1	12	..	..	13	635	28	40
1929 ..	331	181	21	533	36	49	85	618	1	10	2	..	13	631	27	43
1930 ..	291	194	37	522	22	52	74	596	1	8	2	..	11	607	29	47
1931 ..	228	184	29	441	26	52	78	519	1	8	5	..	14	533	29	46
1932 ..	222	126	23	371	27	54	81	452	1	7	5	..	13	465	28	45
1933 ..	194	126	27	347	33	56	89	436	..	7	6	..	13	449	26	49
1934 ..	217	112	30	359	26	57	83	442	..	6	7	12	25	467	26	47
1935 ..	206	107	28	341	28	56	84	425	..	5	7	11	23	448	24	44
1936 ..	214	106	24	344	16	55	71	415	..	5	10	11	26	441	21	46
1937 ..	205	99	29	333	20	55	75	408	..	5	12	10	27	435	19	49
1938 ..	193	98	21	312	24	54	78	390	..	4	12	10	26	416	19	45
1939 ..	187	103	21	311	21	54	75	386	..	6	12	10	28	414	22	46
1940 ..	190	108	18	316	14	57	71	387	..	7	12	10	29	416	21	49
1941 ..	173	113	16	302	22	58	80	382	..	6	12	9	27	409	18	48

[APPENDIX II.]

List of Publications issued by the Royal Asiatic Society of Bengal between 1939–41.

Bibliotheca Indica :

(1) Saundarananda Kāvya (Reprint).
(2) Ātmatattvaviveka, Fasc. 6 (concluding fascicle).
(3) Manu-Smṛti, Volume II.
(4) Manu-Smṛti, Volume III.
(5) Ṭārikh-i-Shāhī.
(6) Ṭabaqāt-i-Akbarī, English Trans. Vol. III, Pt. I.
(7) Ṭabaqāt-i-Akbarī, ,, ,, ,, III, Pt. II.
(8) Akbar Nāma, English Trans., Vol. III, fascicle 14 (concluding fascicle).
(9) Āin-i-Akbarī, Eng. Translation (Reprint), Volume I.
(10) Ruba'iyat of 'Umar-i-Khayyām.
(11) Haft-Iqlim, Volume I, fasc. 3, (concluding fasc.).
(12) 'Amal-i-Sālih, Volume III, fasc. 5 (concluding fasc.).
(13) Doctrine of Nimbārka, English Trans., Volume I.
(14) Lushai-English Dictionary.
(15) Varṇa-ratnākara.
(16) Dharmabindu, Volume I. fascicle 2 (concluding fascicle).
(17) Avadāna-kalpalatā, Volume I, Fascicle 2 (Reprint).
(18) Qānūn-i-Humāyūnī, Text.
(19) Qānūn-i-Humāyūnī, English translation.
(20) Ṭabaqāt-i-Akbarī, English translation, Vol. III, Pt. III, Index.
(21) Kesar Saga, fasc. 5 (concluding fascicle).
(22) Maathir-ul-Umara, Eng. trans., Vol. I, Fascicle VII (concluding fascicle).
(23) Tadhkira-i-Humāyūn wa Akbar, Text.
(24) Doctrine of Nimbārka, English Trans., Volume II.
(25) Vaikhānasa Śrauta Sūtra, Text.

Journal and Proceedings :

(1) Volume III, Year-Book for 1936.
(2) ,, IV ,, ,, ,, 1937.
(3) ,, V ,, ,, ,, 1938.
(4) Letters, Volume IV, No. 1.
(5) ,, ,, No. 2.
(6) ,, ,, ,, 3.
(7) ,, ,, ,, 4.
(8) Science, Volume IV, No. 1.
(9) ,, ,, ,, 2.
(10) Title-pages and Indexes to Volumes II and III
(11) Volume VI, Year-Book for 1939.
(12) Letters, Volume V, No. 1.
(13) ,, ,, ,, ,, 2.
(14) ,, ,, ,, ,, 3.
(15) ,, ,, VI ,, 1.
(16) Science, Volume V, No. 1.
(17) ,, ,, ,, ,, 2.
(18) ,, ,, VI ,, 1.
(19) Title-pages and Indexes to Volumes IV and V.
(20) Volume VII, Year-Book for 1940.

(21) Letters, Volume VI, No. 2.
(22) ,, ,, VII, ,, 1.
(23) ,, ,, ,, ,, 2.
(24) Science, Volume VI, No. 2.
(25) ,, ,, VII, ,, 1.
(26) Title-page and Index to Volume VI.

Memoirs :

(1) Volume X, No. 3.
(2) ,, XII, ,, 2.

Miscellaneous :

(1) Descriptive Catalogue of Arabic Manuscripts, Volume I.
(2) Descriptive Catalogue of Sanskrit Manuscripts, Vol. VIII, Part I.
(3) Proceedings of the 3rd Indian Science Congress (Reprint).
(4) Descriptive Catalogue of Sanskrit Manuscripts, Vol. VIII, Part II.
(5) Descriptive Catalogue of Vernacular Manuscripts, Vol. IX.

[APPENDIX III]

Abstract Statement
of
Receipts and Disbursements
of the
Royal Asiatic Society of Bengal
for
the Year 1941

STATEMENT No. 1.

1941. *General*

Income and Expenditure Account

	Rs.	As.	P.	Rs.	As.	P.
To ESTABLISHMENT :						
Salaries and Allowances	21,877	2	3			
Commission	243	4	9			
				22,120	7	0
GENERAL EXPENDITURE :						
Stationery	1,479	8	0			
Fans and Light	208	5	6			
Telephone	268	1	0			
Taxes	2,387	5	0			
Postage	1,210	1	0			
Contingencies	1,394	1	0			
Printing Circulars, etc.	553	4	0			
Audit Fee	250	0	0			
Petty Repairs	112	2	6			
Insurance	500	0	0			
Menials' Clothing	391	3	0			
Furniture and Repairs	529	1	0			
Interest on Security Deposit	5	0	0			
				9,288	0	0
GRATUITIES	....			690	0	0
LIBRARY AND COLLECTIONS :						
Books	999	11	6			
Binding	1,776	6	0			
				2,776	1	6
STEEL SHELVING	....			5,296	0	0
Provident Fund Contribution for 1941	....			657	10	6
				40,828	3	0
Transfer to Building Repair Fund Account	....			2,000	0	0
SUNDRY ADJUSTMENTS :						
Bad Debts written-off	744	0	0			
Depreciation on Investments revalued on 31-12-41	4,114	7	0			
				4,858	7	0
BALANCE AS PER BALANCE SHEET	....			2,82,067	6	4
				3,29,754	**0**	**4**

STATEMENT No. 1.

Fund. *1941.*

for the year to 31st December, 1941.

	Rs.	As.	P.	Rs.	As.	P.
BY BALANCE FROM LAST ACCOUNT ..	....			2,83,041	8	10
CASH RECEIPTS:						
Interest on Investments	9,802	8	0			
Interest on Fixed Deposits	600	0	0			
Advertising	10,200	0	0			
Rent	10,630	0	0			
Miscellaneous	399	15	6			
				31,632	7	6
PERSONAL ACCOUNT:						
Members' Subscriptions	9,754	0	0			
Admission Fees	736	0	0			
Compounding Fees	590	0	0			
				11,080	0	0
Contribution to General Expenditure from—						
Oriental Publication Fund (1) ..	2,000	0	0			
Sanskrit MSS. Fund ..	2,000	0	0			
				4,000	0	0
				3,29,754	0	4

STATEMENT No. 2.

1941. *Oriental Publication*

From a monthly grant made by the Government of Bengal for the publi-
(Rs. 500, *Less* 20% *from the* 1st *April*, 1932), and for the
(Rs. 250, *Less* 20% *from the* 1st *of*

	Rs.	As.	P.
To Printing	2,243	6	0
Editing	471	4	0
Binding	171	13	0
Proportionate Share in General Expenditure ..	2,000	0	0
Balance as per Balance Sheet	14,861	12	8
	19,748	3	8

STATEMENT No. 3.

1941. *Oriental Publication*

From an annual grant made by the Government of Bengal of
Historical
(*Less* 20% *from the*

	Rs.	As.	P.
To Balance from last Account	11,084	15	10
Printing	1,393	14	9
Editing	474	0	0
	12.952	14	7

STATEMENT No. 4.

1941. *Sanskrit Manuscripts Fund*

From an annual grant of Rs. 3,200 made by the Government of Bengal
by the Society; and Rs. 3,600
from the same Government

	Rs.	As.	P.
To Cataloguing	775	0	0
Binding	85	0	0
Printing	1,546	1	0
Purchase of MSS.	60	0	0
Repairs to MSS.	1,287	8	0
Preservation (A.R.P. Measures)	660	0	0
Proportionate Share in General Expenditure	2,000	0	0
Balance as per Balance Sheet	17,846	6	0
	24,259	15	0

STATEMENT No. 2.

Fund No. 1, in Account with R.A.S.B. *1941.*

cation of Oriental Works and Works of Instruction in Eastern Languages
publication of Sanskrit Works hitherto unpublished
April, 1932 *to* 28*th February,* 1941).

	Rs.	As.	P.
By Balance from last Account	12,148	3	8
Annual Grant	7,600	0	0
	19,748	3	8

STATEMENT No. 3.

Fund No. 2, in Account with R.A.S.B. *1941.*

Rs. 3,000 for the publication of Arabic and Persian Works of
Interest.
1*st of April,* 1932.)

	Rs.	As.	P.
By Annual Grant for 1940 and 1941	4,800	0	0
By Balance as per Balance Sheet	8,152	14	7
	12,952	14	7

STATEMENT No. 4.

Account, in Account with R.A.S.B. *1941.*

for the publication of the Catalogue of Sanskrit Manuscripts acquired
(*Less* 20% *from the* 1*st of April,* 1932)
for Research Work.

	Rs.	As.	P.
By Balance from last Account	18,179	15	0
Annual Grant	6,080	0	0
	24,259	15	0

STATEMENT No. 5.

1941 *Arabic and Persian Manuscripts*

From an annual grant of Rs. 5,000 made by the Government of India for
by the Society; for the purchase of further Manuscripts,
Manuscripts found in
(*Less* 50% *from* 1*st April,*

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account.. ..	....			3,141	3	3
Cataloguing	....			1,100	0	0
Binding	....			2	8	0
				4,243	11	3

STATEMENT No. 6.

1941. *Barclay Memorial*

From a sum of Rs. 500 odd given in 1896 by the Surgeon
encouragement of Medical

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			10	15	0
Balance as per Balance Sheet—						
Rs. 700, 3½% G.P. Notes, 1854-55	647	8	0			
Surplus at date	101	10	8			
				749	2	8
				760	1	8

STATEMENT No. 7.

1941. *Servants' Pension Fund*

Founded in 1876 as the Piddington Pension Fund

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			46	14	0
Pension	....			132	0	0
Balance as per Balance Sheet—						
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,775	0	0			
Surplus at date	810	14	8			
				3,585	14	8
				3,764	12	8

STATEMENT No. 5.

Fund Account, in Account with R.A.S.B. *1941.*

the cataloguing and binding of Arabic and Persian Manuscripts, acquired
and for the preparation of notices of Arabic and Persian
various Libraries in India.
1939.)

		Rs. As. P.	Rs. As. P.
By Balance as per Balance Sheet	..	....	4,243 11 3
			4,243 11 3

STATEMENT No. 6.

Fund Account, in Account with R.A.S.B. *1941.*

General, I.M.S., for the foundation of a medal for the
and Biological Science.

		Rs. As. P.	Rs. As. P.
By Balance from last Account	..	....	735 13 8
Interest realized during the year	..	....	24 4 0
			760 1 8

STATEMENT No. 7.

Account, in Account with R.A.S.B. *1941.*

with Rs. 500 odd from the Piddington Fund.

		Rs. As. P.	Rs. As. P.
By Balance from last Account	..	....	3,660 0 8
Interest realized during the year	..	....	104 12 0
			3,764 12 8

5

STATEMENT No. 8.

1941. *Annandale Memorial Fund*

From donations by subscription,

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			62	8	0
Balance as per Balance Sheet—						
Rs. 4,000, 3½% G.P. Notes, 1854-55	3,700	0	0			
Surplus at date	762	12	9			
				4,462	12	9
				4,525	4	9

STATEMENT No. 9.

1941. *Permanent Library Endowment*

From gifts received,

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			218	12	0
Balance as per Balance Sheet—						
Rs. 14,000, 3½% G.P. Notes, 1854-55	12,950	0	0			
Surplus at date	3,226	7	8			
				16,176	7	8
				16,395	3	8

STATEMENT No. 10.

1941. *Sir William Jones Memorial*

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			46	14	0
Balance as per Balance Sheet—						
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,775	0	0			
Surplus at date	358	11	0			
				3,133	11	0
				3,180	9	0

STATEMENT No. 8.

Account, in Account with R.A.S.B. *1941.*

started in 1926.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account .	....			4,386	12	9
Interest realized during the year	....			138	8	0
				4,525	4	9

STATEMENT No. 9.

Fund Account, in Account with R.A.S.B. *1941.*

started in 1926.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account..	..	....			15,906	3	8
Interest realized during the year	..	....			489	0	0
					16,395	3	8

STATEMENT No. 10.

Fund Account, in Account with R.A.S.B. *1941.*

1926, by Dr. U. N. Brahmachari.

		Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	..	....			3,075	13	0
Interest realized during the year	..	....			104	12	0
					3,180	9	0

STATEMENT No. 11.

1941. *Pramathanath Bose Memorial*

From a sum gifted for

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			28	2	0
Balance as per Balance Sheet—						
Rs. 800, 3½% G.P. Notes, 1842-43 ,, 1,000, ,, ,, 1865	1,665	0	0			
Surplus at date	362	12	0			
				2,027	12	0
				2,055	14	0

STATEMENT No. 12.

1941. *Joy Gobind Law Memorial*

From a donation for the purpose

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			46	14	0
Balance as per Balance Sheet—						
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,775	0	0			
Surplus at date	313	12	0			
				3,088	12	0
				3,135	10	0

STATEMENT No. 13.

1941. *Calcutta Science Congress Prize*

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			46	14	0
Balance as per Balance Sheet—						
Rs. 3,000, 3½% G.P. Notes, 1854-55	2,775	0	0			
Surplus at date	1,292	6	7			
				4,067	6	7
				4,114	4	7

STATEMENT No. 11.

Fund Account, in Account with R.A.S.B. *1941.*

the purpose in 1935.

		Rs. As. P.	Rs. As. P.
By Balance from last Account ..	..	....	2,006 7 0
Interest realized during the year	..	....	49 7 0
			2,055 14 0

STATEMENT No. 12.

Fund Account, in Account with R.A.S.B. *1941.*

in 1929, by Dr. Satya Churn Law.

		Rs. As. P.	Rs. As. P.
By Balance from last Account ..	..	....	3,030 14 0
Interest realized during the year	..	....	104 12 0
			3,135 10 0

STATEMENT No. 13.

Fund Account, in Account with R.A.S.B. *1941.*

		Rs. As. P.	Rs. As. P.
By Balance from last Account	..	....	4,009 8 7
Interest realized during the year	..	....	104 12 0
			4,114 4 7

STATEMENT No. 14.

1941.

Dr. Brühl Memorial

From a sum gifted for the purpose in

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			15	10	0
Balance as per Balance Sheet—						
Rs. 1,000, 3½% G.P. Notes, 1854-55	925	0	0			
Surplus at date	186	3	0			
				1,111	3	0
				1,126	13	0

STATEMENT No. 15.

1941.

Building Repair

	Rs.	As.	P.	Rs.	As.	P.
To Repairs during the year	....			2,930	9	6
Balance as per Balance Sheet ..	....			3,386	9	6
				6,317	3	0

STATEMENT No. 16.

1941.

Provident Fund

From contributions by the

	Rs.	As.	P.	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	....			339	10	0
Cost of a stamp	....			0	1	0
Balance as per Balance Sheet—						
Rs. 5,200, 3% G.P Notes, 1963–65	4,819	12	0			
Rs. 6,000, 3½% G.P. Notes, 1900-01	5,550	0	0			
Savings Bank and Advances ..	6,909	4	4			
				17,279	0	4
				17,618	11	4

STATEMENT No. 14.

Fund Account, in Account with R.A.S.B. *1941.*

1929, by the Brühl Farewell Committee.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	....			1,092	1	0
Interest realized during the year ..	....			34	12	0
				1,126	13	0

STATEMENT No. 15.

Fund Account, in Account with R.A.S.B. *1941.*

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	....			4,317	3	0
Transfer from R.A.S.B. General Fund	....			2,000	0	0
				6,317	3	0

STATEMENT No. 16.

Account, in Account with R.A.S.B. *1941.*

Society and its Staff.

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account ..	....			15,840	5	0
Interest realized during the year ..	65	13	0			
Staff Contribution for the year ..	657	10	6			
Society's Contribution for the year	657	10	6			
				1,381	2	0
Interest realized from Savings Bank	....			397	4	4
				17,618	11	4

STATEMENT No. 17.

1941. *Advances Account,*

		Rs. As. P.	Rs. As. P.
To Balance from last Account	..	....	2,475 0 0
Payments during the year	..	....	2,383 0 0
			4,858 0 0

STATEMENT No. 18.

1941. *Personal*

		Rs. As. P.	Rs. As. P.
To Balance from last Account	..	....	4,267 7 3
Advances ..	..	....	2,597 8 6
R.A.S.B.'s Subscriptions, etc.	..	11,080 0 0	
Book sales, etc. ..	..	6,894 13 6	
			17,974 13 6
			24,839 13 3

STATEMENT No. 19.

1941. *Publication Fund Account,*

		Rs. As. P.	Rs. As. P.
To Books returned ..	..	....	1 8 0
Journal and Proceedings	..	....	6,471 13 6
Balance as per Balance Sheet	..	....	6,931 9 6
			13,404 15 0

STATEMENT No. 17.

in Account with R.A.S.B. *1941.*

	Rs.	As.	P.	Rs.	As.	P.
By Refunds during the year ..	....			1,430	0	0
Balance as per Balance Sheet ..	....			3,428	0	0
				4,858	0	0

STATEMENT No. 18.

Account. *1941.*

	Rs.	As.	P.	Rs.	As.	P.
By Cash Receipts during the year ..	....			17,858	6	3
Books returned	....			1	8	0
Bad Debts written off, R.A.S.B. ..	....			744	0	0
Balance as per Balance Sheet ..	....			6,235	15	0

Outstandings.	Amount due to the Society.			Amount due by the Society.		
	Rs.	As.	P.	Rs.	As.	P.
Members ...	3,487	3	0	430	13	0
Subscribers, etc.	576	0	0	24	0	0
Bill Collector's Deposit ...	...	...	.	100	0	0
Miscellaneous ...	2,806	7	6	78	14	6
	6,869	10	6	633	11	6

	Rs.	As.	P.
	24 839	13	3

STATEMENT No. 19.

in Account with R.A.S.B. *1941.*

	Rs.	As.	P.	Rs.	As.	P.
By Balance from last Account	....			4,403	15	0
Government Grant	....			1,600	0	0
Book Sales, etc.	6,894	13	6			
Cash Sale of Publications	506	2	6			
				7,401	0	0
				13,404	15	0

STATEMENT No. 20.

1941. (*1*) *Deposit Account* (*Savings Bank*

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			2,655	15	0
Deposit of Interest realized from loans during the year ..	49	7	0			
Deposit of Contributions during the year	1,315	5	0			
Deposit of Advances returned ..	1,169	6	0			
				2,534	2	0
Interest for the year ..	....			397	4	4
				5,587	5	4

STATEMENT No. 21.

1941. (*2*) *Deposit Account* (*Fixed Deposit*

	Rs.	As.	P.	Rs.	As.	P.
To Balance from last Account ..	....			40,000	0	0
Deposit during the year ..	....			10,000	0	0
				50,000	0	0

STATEMENT No. 20.

Deposit with Imperial Bank of India). *1941.*

	Rs. As. P.	Rs. As. P.
By Withdrawal for Staff Advances, etc.	....	2,106 0 0
Cost of a stamp	....	0 1 0
Balance as per Balance Sheet ..	....	3,481 4 4
		5,587 5 4

STATEMENT No. 21.

with Imperial Bank of India). *1941.*

	Rs. As. P.	Rs. As. P.
By Balance as per Balance Sheet ..	....	50,000 0 0
		50,000 0 0

STATEMENT No. 22.

1941.

(3) *Investments*

		Rs.	As.	P.
To Balance from last Account	.. ..	3,05,373	12	0
		3,05,373	12	0

Face Value Rs.	FUNDS.	Rate @ Rs. %	31st December, 1941, Valuation.			31st December, 1940, Valuation or cost.			Depreciation or *Appreciation.		
			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
	ROYAL ASIATIC SOCIETY OF BENGAL.										
	PERMANENT RESERVE.										
16,700	3½% G. P. Notes, 1842-43										
1,53,700	3½% G. P. Notes, 1854-55										
44,300	3½% G. P. Notes, 1865										
6,000	3½% G. P. Notes, 1879										
33,000	3½% G. P. Notes, 1900-01										
2,53,700	... .	92/8/-	2,34,672	8	0	2,38,636	9	0	3,964	1	0
500	3% G. P Notes, 1896-97 ...	79/12/-	398	12	0	404	6	0	5	10	0
	TEMPORARY RESERVE.										
12,000	3½% G. P. Notes, 1900-01 ...	92/8/-	11,100	0	0	11,287	8	0	187	8	0
11,400	4½% Loan, 1955–60	112/14/-	12,867	12	0	12,825	0	0	*42	12	0
	BARCLAY MEMORIAL FUND.										
700	3½% G. P. Notes, 1854-55 ...	92/8/-	647	8	0	658	7	0	10	15	0
	SERVANTS' PENSION FUND.										
3,000	3½% G. P. Notes, 1854-55 ..	92/8/-	2,775	0	0	2,821	14	0	46	14	0
	ANNANDALE MEMORIAL FUND.										
4,000	3½% G. P. Notes, 1854-55 ...	92/8/-	3,700	0	0	3,762	8	0	62	8	0
	PERMANENT LIBRARY ENDOWMENT FUND.										
14,000	3½% G. P. Notes, 1854-55 ...	92/8/-	12,950	0	0	13,168	12	0	218	12	0
	SIR WILLIAM JONES MEMORIAL FUND.										
3,000	3½% G. P. Notes, 1854-55 ...	92/8/-	2,775	0	0	2,821	14	0	46	14	0
	PRAMATHANATH BOSE MEMORIAL FUND.										
800	3½% G. P. Notes, 1842-43										
1,000	3½% G. P. Notes, 1865	92/8/-	1,665	0	0	1,693	2	0	28	2	0
	JOY GOBIND LAW MEMORIAL FUND.										
3,000	3½% G. P. Notes, 1854-55 ...	92/8/-	2,775	0	0	2,821	14	0	46	14	0
	CALCUTTA SCIENCE CONGRESS PRIZE FUND.										
3,000	3½% G. P. Notes, 1854-55 ...	92/8/-	2,775	0	0	2,821	14	0	46	14	0
	DR. BRÜHL MEMORIAL FUND.										
1,000	3½% G. P. Notes, 1854-55 ..	92/8/-	925	0	0	940	10	0	15	10	0
	PROVIDENT FUND.										
5,200	3% Loan (1963–65)	92/11/-	4,819	12	0	5,065	10	0	245	14	0
6,090	3½% G. P. Notes, 1900-01	92/8/-	5,550	0	0	5,643	12	0	93	12	0
3,22,300			3,00,396	4	0	3,05,373	12	0	4,977	8	0

STATEMENT No. 22.

Account. *1941.*

	Rs.	As.	P.
To Depreciation on Investments revalued on 31-12-41	4,977	8	0
Balance as per Balance Sheet	3,00,396	4	0
	3,05,373	12	0

STATEMENT No. 23.

1941. *Cash*

For the year ended 31st

To	Rs. As. P.	Rs.	As.	P.
Balance from last Account	....	6,836	7	6
General Fund Account	....	33,232	7	6
Oriental Publication Fund No. 1 Account ..	....	7,600	0	0
Oriental Publication Fund No. 2 Account	....	4,800	0	0
Sanskrit Manuscripts Fund Account ..	....	6,080	0	0
Barclay Memorial Fund Account ..	....	24	4	0
Servants' Pension Fund Account ..	....	104	12	0
Annandale Memorial Fund Account ..	....	138	8	0
Permanent Library Endowment Fund Account	....	489	0	0
Sir William Jones Memorial Fund Account	....	104	12	0
Joy Gobind Law Memorial Fund Account	....	104	12	0
Calcutta Science Congress Prize Fund Account	....	104	12	0
Dr. Brühl Memorial Fund Account ..	....	34	12	0
Pramathanath Bose Memorial Fund Account	....	49	7	0
Provident Fund Account	....	1,381	2	0
Advances Account	....	1,430	0	0
Personal Account	....	17,858	6	3
Publication Fund Account	....	506	2	6
Savings Bank Deposit Account, Imperial Bank of India, Calcutta	....	2,106	0	0
		82,985	8	9

STATEMENT No. 23.

Account. *1941.*

December, 1941.

By	Rs. As. P.	Rs. As. P.
General Fund Account	....	47,300 0 6
Oriental Publication Fund No. 1 Account ..	....	2,886 7 0
Oriental Publication Fund No. 2 Account ..	....	1,867 14 9
Sanskrit Manuscripts Fund Account ..	....	4,413 9 0
Arabic and Persian Manuscripts Fund Account	....	1,102 8 0
Servants' Pension Fund Account ..	....	132 0 0
Building Repair Fund	....	2,930 9 6
Advances Account	....	2,383 0 0
Personal Account	....	2,597 8 6
Savings Bank Deposit Account, Imperial Bank of India	....	2,534 2 0
Fixed Deposit Account, Imperial Bank of India	....	10,000 0 0
Balance as per Balance Sheet—		
In hand	....	33 12 0
With the Imperial Bank of India, on Current Account	....	4,804 1 6
		82,985 8 9

STATEMENT No. 24.

1941. *Balance*

As at 31st

LIABILITIES.

	Rs. As. P.	Rs.	As.	P.
General Fund Account	....	2,82,067	6	4
Oriental Publication Fund No. 1 Account	....	14,861	12	8
Sanskrit Manuscripts Fund Account ..	....	17,846	6	0
Barclay Memorial Fund Account ..	....	749	2	8
Servants' Pension Fund Account ..	....	3,585	14	8
Annandale Memorial Fund Account ..	....	4,462	12	9
Permanent Library Endowment Fund Account	....	16,176	7	8
Sir William Jones Memorial Fund Account	....	3,133	11	0
Pramathanath Bose Memorial Fund Account	....	2,027	12	0
Joy Gobind Law Memorial Fund Account	....	3,088	12	0
Calcutta Science Congress Prize Fund Account	....	4,067	6	7
Dr. Brühl Memorial Fund Account ..	....	1,111	3	0
Building Repair Fund Account ..	....	3,386	9	6
Provident Fund Account	....	17,279	0	4
Publication Fund Account	....	6,931	9	6
Personal Account—Sundry Liabilities ..	....	633	11	6
		3,81,409	10	2

We have examined the above Balance Sheet and the appended detailed accounts with the Books and Vouchers presented to us and certify that they are in accordance therewith, and, in our opinion, set forth correctly the position of the Society as at 31st December, 1941.

PRICE, WATERHOUSE, PEAT & Co.,
Auditors,
Chartered Accountants,
Registered Accountants.

Calcutta,
29th January, 1942.

STATEMENT No. 24.

Sheet. *1941.*

December, 1941.

ASSETS.

	Rs.	As.	P.	Rs.	As.	P.
Oriental Publication Fund No. 2 Account	8,152	14	7			
Arabic and Persian Manuscripts Fund Account	4,243	11	3	12,396	9	10
Advances Account	3,428	0	0			
Personal Account—Sundry Outstandings	6,869	10	6	10,297	10	6
Deposits :—						
Savings Bank Deposit Account, Imperial Bank of India	3,481	4	4			
Fixed Deposit Account, Imperial Bank of India	50,000	0	0	53,481	4	4
Investments Account	....			3,00,396	4	0
Cash Account :—						
In hand	33	12	0			
With the Imperial Bank of India, on Current Account	4,804	1	6	4,837	13	6
				3,81,409	10	2

Baini Prashad,
Honorary Treasurer.

[APPENDIX IV.]

Abstract Proceedings Council, 1941.

(Rule 48 f.)

ANNUAL MEETING—

Annual Meeting. Adopt usual procedure.
No. 2. 29-1-41.

Suggestion regarding request to H.E. the Governor and Patron of the Society to preside over the Annual Meeting in February 1942. The General Secretary to invite His Excellency the Governor of Bengal to preside at the Society's Annual Meeting on Monday, the 2nd February, 1942.
No. 26. 26-11-41.

Letter dated 9-12-41 from the Private Secretary to H.E. the Governor of Bengal, informing that owing to the present international situation, it is not possible for His Excellency to commit himself to an engagement so far ahead to preside over the Annual Meeting of the Society on 2-2-42. Record.
No. 3. 18-12-41.

ANNUAL REPORT—

Annual Report for 1940. Adopt after revision by the President.
No. 1. 29-1-41.

A.R.P. MEASURES—

Letter No. Home Dept. Political 47(6)-P of 7-1-41 re : the safeguarding of valuable documents of the Society against possible air raids. (1) Find out from the Government of Bengal if there is any proposal for safely housing valuable documents from air raids outside Calcutta ; (2) if so whether it will be possible for the Government to store the Society's valuable MSS. and records there.
No. 4. 29-1-41.

The Council considered further the question of the Safe Custody of the manuscripts and other valuable documents in its possession and resolved that Mr. L. R. Fawcus, Member, Board of Revenue, be approached by the General Secretary with a view to enquire whether it will be possible for him to arrange for the Safe Custody of the most valuable MSS. and documents belonging to the Society in the palace of the Nawab Bahadur of Murshidabad against possible air raids.
No. 16. 28-2-41.

Letter No. 2694 of 10-3-41 from the Secretary to the Board of Revenue, Bengal re : the utilization of a portion of the Palace of the Nawab of Murshidabad for safe custody of the Society's Manuscripts. Find out total weight and area required for the safe custody of the most valuable Manuscripts, Paintings, etc., of the Society.
No. 15. 31-3-41.

Further consideration of measures to be taken for protection of the Society's valuable Manuscripts and other possessions against air raid. Adopt measures suggested by the Government in the circular issued regarding fire from air raids.
No. 13. 28-4-41.

Letter from the Secretary to the Government of Bengal, No. 112T. Edn. of 5-5-41, regarding the evacuation of irreplaceable MSS. in the possession of the Society. Enquire from Sir Sarvapalli Radhakrishnan, Kt., Vice-Chancellor, Benares Hindu University, whether it would be possible to house some of the valuable Manuscripts and records of the Society in the Library of the University under proper safeguards.
No. 1. 30-5-41.

Report by the General Secretary of steps taken by the Society against possible air raids. General Secretary's action be approved. Ask the advice of Sir S. Bhatnagar, Director of Scientific and Industrial Research Board, for additional protective measures against incendiary bombs.
No. 12. 30-5-41.

Letter No. 563(6), Misc. of 21-5-41, from the Government of Bengal, enclosing copy of a memorandum on protection of glass doors and windows at the time of air raids. Postpone consideration.
No. 16. 30-5-41.

Letter No. 6593 of 9-6-41 from the Board of Revenue, Bengal, enclosing an extract from a letter No. 3(Con.) of 2-6-41 from the Manager of the Murshidabad Estate, re: storage of our Manuscripts. Postpone consideration.
No. 1. 30-6-41.

Recommendation Finance Committee No. 3(*a*) of 23-6-41. Allocation of Fund for the expenditure incurred due to A.R.P. measures. The expenditure be met from the General Fund of the Society as a special case. Accepted by Council.
No. 5. 30-6-41.

Letter dated 2-8-41 from the Benares Hindu University regarding the storage of Society's MSS. in the Library of the Hindu University. Resolved that (*a*) the Benares Hindu University be thanked for agreeing to store our Manuscripts, etc., in their Library; (*b*) a complete set of the Bibliotheca Indica as well as of the Journals and Memoirs of the Society be stored at Benares along with the manuscripts; (*c*) the General Secretary be requested to find out the total amount of money that will be required for transporting the MSS., etc., and insuring them against railway risks, burglary and fire.
No. 2. 29-8-41.

Letter dated 4-9-41 from the Vice-Chancellor, Muslim University, Aligarh, suggesting the transfer of Persian, Urdu and Arabic MSS. of the Society to the Lytton Library of the Muslim University. Inform the Vice-Chancellor that it is not proposed to send these MSS. on permanent loan to any institution.
No. 2. 18-9-41.

Recommendation Finance Committee No. 7 of 15-12-41. Resolved that the General Secretary be authorised to take all necessary measures for additional protection against possible air raids. Accepted by Council.
No. 8. 15-12-41.

Our letter No. 1849 of 22-9-41 to Sir Zia-ud-din Ahmed and his reply of 24-9-41 re: the transfer of our Persian, Arabic and Urdu MSS. to the Lytton Library of the Aligarh University. Record.
No. 3. 26-11-41.

Letter No. 14467 of 24-9-41 from the Benares Hindu University re: storage of our valuable MSS. in its library and a plan of the first floor of the library building wanted for purpose of insurance. Postpone consideration and prepare statement of costs to cover insurance, packing and transportation.
No. 4. 26-11-41.

The question of the removal of the Society's valuable Manuscripts, books, etc., which was postponed from the last Council Meeting. The General Secretary, in consultation with the President, to take all necessary steps for the immediate removal of the Manuscripts to Benares according to the proposals already submitted, and the expenditure incurred in this connection is to be met out of O. P. Fund No. 1 and the Sanskrit Manuscripts Fund. Steps for the protection of other valuable historical possession, such as, the Asokan Edict, are also to be taken by the General Secretary in consultation with the President.
No. 22. 18-12-41.

Letter dated 16-12-41 from Mr. C. W. Gurner enquiring whether the Council could raise the question of requesting His Excellency's kind permission to have some of the valuable pictures to be removed to the Government House, Darjeeling. The General Secretary be authorised to take the necessary steps in consultation with the President, the Hon'ble Mr. Justice N. G. A. Edgley and Mr. C. W. Gurner, for the removal of the most valuable paintings in the possession of the Society.
No. 24. 18-12-41.

Report of A.R.P. measures taken by the Society and the question of formation of watch and war squads. Approved; the General Secretary in consultation with the President arrange the necessary details with regard to further A.R.P. measures to be taken.
No. 26. 18-12-41.

ARTISTIC POSSESSIONS—

Letter from Sir Upendra Nath Brahmachari dated the 25th August presenting a photograph of Sir John Lort-Williams to the Society. Accept with thanks.
No. 23. 29-8-41.

ASSESSMENT—

Notice of enhanced assessment from the Calcutta Corporation and action taken thereon by the General Secretary. Action approved.
No. 18. 18-12-41.

ASSOCIATE MEMBER—

Letter to the President of the R.A.S.B. from Mr. L. S. Dugin resigning the Associate Membership of the Society. Accept his resignation.
No.1. 28-4-41.

AT HOME—

On the proposal of the General Secretary it was resolved that an 'At Home' be given in honour of the Hon'ble Mr. Justice John Lort-Williams, Kt., on the eve of his retirement.
No. 13. 28-7-41.

Accounts of the 'At Home' given by the Council to Sir John Lort-Williams on the eve of his retirement. Record.
No. 24. 29-8-41.

BIBLIOTHECA INDICA—

Recommendation Finance Committee No. 2(*g*) of 29-1-41. Prof. Chintaharan Chakravarti, for revising and editing charges of Bib. Indica 'Dharmabindu', pp. 1–165, bill dated 22-1-41 . . . . . Rs.131-4-0. Pay. Accepted by Council.
No. 10. 29-1-41.

Recommendation Publication Committee No. 2 of 29-1-41. Letter from Vishvesvaranand Vedic Research Institute, Lahore, requesting for a set of printed sheets and proofs of 'Vaikhanasa Srauta Sutram' to be supplied in advance for preparing Vedic concordance. Grant. Accepted by Council.
No. 12. 29-1-41.

Consideration of the list of incomplete works in Sanskrit, Hindi, Arabic and Persian and Tibetan published by Society in the Bibliotheca Indica series together with a letter dated 14th May, 1941, from Dr. B. C. Law containing suggestions on two works, Lalitavistara and Bodhicaryavatarapanjika (Nos. 90 and 150). Resolved that (1) the publication of the following works be not proceeded with :

Sanskrit, Hindi, etc.—

Brahma Sutra	Work No.	68
Prthviraja-rasau	,,	77
Yaska's Nirukta	,,	89
Lalitavistara	,,	90
Susruta-samhita (trans. by Hoernle)	,,	95
Sri-bhashya	,,	117
Padmavati	,,	135
Mahabhashya Pradipodyata	,,	142
Bhattadipika	,,	143
Bhashavrtti	,,	209
Smrtiprakasa	,,	216
Saduktikarnamrta	,,	217

Arabic and Persian.—

Tuzak-i-Jahangiri	Work No.	126
Ahsanu't Taqasim fi Ma'-rifati'l Aqalim	,,	137

(2) The publication of the following works be decided after further consideration:

Sanskrit, Hindi, etc.—

Satapathabrahmana	Work No.	145
Bodhicaryavatarapanjika	,,	150
Nityacarapaddhati	,,	152
Satasahasrikaprajnaparamita	,,	153
Satadushani	,,	158
Nityacarapradipa	,,	160
Samaraicca-kaha	,,	169
Yogasastra	,,	172
Tattvacintamanididhitiprakasa	,,	194
Tattvacintamanididhitivivrti	,,	196
Anumanadidhitiprasarini	,,	199
Mugdhavodhat Yakarana	,,	201
Nyayavarttikatatparyaparisuddhi	,,	205
Surisarvasva	,,	218
Prajnapradipa	,,	226
Vajjalaggam	,,	227
Prthvirajavijaya	,,	228
Surajprakasa	,,	239

(3) That steps be taken to complete the publication of the following works:

Sanskrit, Hindi, etc.—

Vidhanaparijata	Work No.	156
Balambhatti	,,	162
Santinathacaritam	,,	178
Karmapradipa	,,	179
Kiranavali	,,	200
Kavikalpalata	,,	221

Arabic and Persian.—

Marhamu'l-'Ilal	,,	190
Shah 'Alam Nama	,,	211
Bhagavat Gita in Persian		
Haft Iqlim	,,	215
'Amal-i-Salih	,,	214
Ma'athiru'l-Umara	,,	202

No. 1. Bib. Ind. Com. 14-5-41.

Letter from Prof. V. Vedantatirtha dated 4-5-41 re: Karmapradipa in the Bibliotheca Indica Series. Recommendation: Accept his suggestions.

No. 2. Bib. Ind. Com. 14-5-41.

Letter from Mr. P. C. Sen-Gupta offering to translate the Gargasamhita by Vṛddhagarga. Recommendation: Enquire about size of work and then re-consider his offer. It was further resolved that in future only complete Manuscripts should be accepted.

No. 3. Bib. Ind. Com. 14-5-41.

Statements regarding the present position of O.P. Fund No. 1 and 2 were considered. Recommendation: That the sale proceeds of the Bibliotheca Indica works be credited to the Publication Fund of the Society for financing the publication of works in that series.

No. 4. Bib. Ind. Com. 14-5-41.

Recommendations of the Bibliotheca Indica Committee of 14-5-41. Accept. Prof. M. Z. Siddiqi to be supplied with a list of Arabic and Persian works in the Bibliotheca Indica Series.
No. 5. 30-5-41.

Recommendation Finance Committee No. 2(*c*) of 26-5-41. Dr. M. Hidayat Hosain for editing charges 'Humayun Nama', pp. 101-376 bill dated 12-5-41............Rs. 414-0-0. Pay. Accepted by Council.
No. 30-5-41.

Recommendation Publication Committee No. 3 of 23-7-41. Question of writing an introduction for 'Tirtha Kalpa', a work in the Bibliotheca Indica Sanskrit Series, now being completed by Pandit Kedarnath of Jaipur City. Request Dr. S. K. Chatterji to write the introduction. Accepted by Council.
No. 9. 28-7-41.

Recommendation Publication Committee No. 4 of 23-7-41. Question of dedicating the work 'Tirtha Kalpa' by Pandit Kedarnath to Rao Bahadur K. N. Dikshit on a slip attached to the final proof of this work. Express inability to accede to request. Accepted by Council.
No. 9. 28-7-41.

Recommendation Finance Committee No. 2(*c*) of 25-8-41. Pandit Kedarnath Tarkatirtha, for editing Bib. Ind. 'Tirtha Kalpa', pp. 97-361 bill dated 21-8-41. Rs.265. Pay. Accepted by Council.
No. 11. 29-8-41.

Letter dated 4-9-41 from Sh. Abdur Rashid requesting permission to translate Khwand Mir's Qanun-i-Humayuni into Urdu. Permit translation on usual conditions but intimate inability to publish translation in Journal.
No. 19. 18-9-41.

Recommendation Publication Committee No. 6 of 20-11-41. English translation of Malik Muhammad Jaisi's 'Padmavati' prepared by Mr. A. G. Shirreff, I.C.S., for Bibliotheca Indica. Resolved that the work be published in the Bibliotheca Indica Series according to the recommendations of Dr. S. K. Chatterji in so far as these are in agreement with the Rules and Regulations of the Society. Accepted by Council.
No. 22. 26-11-41.

Letter dated the 20th November, 1941, from Dr. R. C. Majumdar addressesd to Dr. Baini Prashad giving his opinion on Maathir-i-Umara published by the Society. Record.
No. 33. 26-11-41.

Recommendation Finance Committee No. 3(*a*) of 15-12-41. Honorarium for cataloguing Arabic Manuscripts for the month of November, 1941, due to the late Dr. M. Hidayat Hosain. Pay to the wife of the late Dr. M. H. Hosain.
No. 8. 18-12-41.

BUDGET—

Consideration of Budget Estimate for 1942. After discussion, the Budget Estimate for 1942 was unanimously adopted.

Dr. J. N. Mukherjee raised the point about the method of maintaining Manuscripts out of the O.P. Fund No. 1 and the Sanskrit Manuscripts Fund which was ruled out of order in discussion of the Budget by the President on objection made by Mr. C. W. Gurner. The question of the extraordinary expenditure in connection with the removal of the Society's Manuscripts to Benares was then discussed but Dr. J. N. Mukherjee objected as he considered this out of order also and left the meeting. The matter was then discussed informally and it was decided to place it before the next meeting of the Council. In the meantime the General Secretary was authorised to take the necessary steps to get the MSS. duly packed and made ready for despatch to Benares as soon as the Council's sanction was obtained.
Sp. Fin. Com. 10-12-41.

Budget estimates for 1942. Minutes of the Special Finance Committee of 10-12-41, and a letter dated 12-12-41 from Dr. J. N. Mukherjee containing a motion arising therefrom. (1) Accept the estimates as recommended by the Special Finance Committee; (2) Resolved: That in future all matters concerning the financial affairs of the Society especially the statements concerning the different funds and general financial position of the Society, presented at the Annual Meeting, shall be considered by the Finance Committee before they are submitted to the Council, unless the Council or the President in case of emergency may have directed otherwise in specific instances.
No. 21. 18-12-41.

BUILDING—

Recommendation Finance Committee No. 4(*a*) of 29-1-41. Estimates received from firms for providing doors and nets of expanded metal in the Stock Room and Library. (1) The General Secretary to call for samples of the expanded metal and to decide who should be given the order. (2) The lowest estimate be accepted other things being equal. Accepted by Council.
No. 10. 29-1-41.

Recommendation Finance Committee No. 2(*c*) of 23-4-41. Tropical Engineering Co., by cost of supplying materials and labour for expanded metal fixing at doors and windows, bill dated 22-3-41. Rs.217-12-0. Pay. Accepted by Council.
No. 5. 28-4-41.

Recommendation Finance Committee No. 2(*f*) of 26-5-41. A. Hamid & Co., by repairs done to the Society's premises, bill dated 19-12-40.........Rs.770-8-6. Pay. Accepted by Council.
No. 6. 30-5-41.

Recommendation Finance Committee No. 3(*c*) of 15-12-41. Society's contribution to the Building Repair Fund, Rs.2,000. Transfer. Accepted by Council.
No. 8. 18-12-41.

CATALOGUES—

Letter No. J/4514, dated the 9th April, 1941, from the Solicitors, Messrs. B. N. Basu & Co., in connection with Mr. Ivanow's complaints regarding publication of Arabic Catalogue. The General Secretary to draft a suitable letter to Mr. Ivanow explaining the position of the Society with regard to his complaints in consultation with the President and the Solicitors of the Society.
Ivanow Sub-Committee. 23-4-41.

Report of the Sub-Committee appointed by the Council to consider the letter addressed to the President by Mr. W. Ivanow. (1) Issue a new title page without names, simply stating that the work is published under the authority of the R.A.S.B.; (2) Withdraw the preface and request the General Secretary to write a fresh preface stating the respective contributions of Mr. W. Ivanow and Dr. Hosain and including the list of MSS., books, etc., used in the preparation of the Catalogue; (3) Communicate decision of the Council to Mr. W. Ivanow.
No. 8. 28-4-41.

Letter dated 20-6-41 from Mr. W. Ivanow in reply to the Council's offer contained in letter of 16-5-41. Resolved that Mr. W. Ivanow be supplied with a draft of the preface to be published by the Society.
No. 2. 30-6-41.

Recommendation Publication Committee No. 2 of 23-4-41. Material for a Catalogue of Vernacular (Bengali) MSS. in the Collection of the Society prepared by the late MM. H. P. Sastri and revised edited by Jogendranath Gupta. Accept for publication. Mr. J. N. Gupta to write an Introduction and to see the catalogue through the press as suggested by Dr. S. K. Chatterji. The usual rate of remuneration of Rs.1/8/- per printed page to be paid to him. Accepted by Council.
No. 7. 28-4-41.

Recommendation Publication Committee No. 3 of 26-5-41. Letters from Sir S. Radhakrishnan and Prof. V. Vedantatirtha together with the General Secretary's note regarding the publication of the remaining volumes of the Sanskrit MSS. Catalogue. Give Vol. IX dealing with Philosophy to Mr. Narendra Chandra Bhattacharyya Samkhatirtha, Vedantatirtha, Mimamsatirtha, M.A.; Vol. X dealing with Jyotisha or Astronomy to Prof. P. C. Sen-Gupta and Mr. N. C. Lahiri; Vol. XIII dealing with Vaidyaka or medicine to Kaviraj Bimalananda Tarkatirtha who should consult Dr. K. P. Biswas with regard to the botanical terms and Vol. XIV (Miscellaneous) and Vol. XV (Addenda and Supplements) to be given to Mr. Chintaharan Chakravarti for checking and verification on usual rate of remuneration.
No. 8. 30-5-41.

Recommendation Library Committee No. 1 of 15-9-41. Letter from Prof. P. C. Sen-Gupta recommending the purchase of a number of books on Astronomy and Astrology in connection with the preparation of the Catalogue of Sanskrit MSS. Purchase the books recommended by Prof. Sen-Gupta, and debit the Sanskrit MSS. Fund for the cost. Accepted by the Council.
No. 12. 18-9-41.

Letter from Mr. Chintaharan Chakravarti intimating his transfer to Krishnagar College and suggesting that he may be allowed either to

take MSS. from here to Krishnagar or to work on off days and holidays in the Society in connection with his work on the Catalogue of Sanskrit MSS. Allow Mr. Chakravarti to work here on off days and holidays on a pro-rata basis.
No. 4. 29-8-41.

Letter dated 27-10-41 from Mr. T. Vimalananda, Assistant Secretary, Maha Bodhi Society, Calcutta, requesting permission of the Society to catalogue the Sinhalese, Burmese and Siamese MSS. of the Society. Permit him to take notes of these MSS.
No. 17. 26-11-41.

COMMITTEES—

Constitution of Standing Committees, viz., Finance, Library, Publication and the Bibliotheca Indica. That the following shall constitute the Standing Committees of the Society for 1941-42.

(*a*) *Finance Committee:*

President.
Treasurer.
General Secretary.
Dr. C. S. Fox.
Dr. S. C. Law.
Dr. S. P. Mookerjee.
Dr. J. N. Mukherjee.
Major C. L. Pasricha.
Mr. C. W. Gurner.

(*b*) *Library Committee:*

President.
Treasurer.
General Secretary.
Philological Secretary.
Jt. Philological Secretary.
Biological Secretary.
Physical Science Secretary.
Anthropological Secretary.
Medical Secretary.
Library Secretary.
Philosophical Secretary.
Historical and Archaeological Secretary.
Khan Bahadur K. M. Asadullah.
Prof. M. Z. Siddiqi.

(*c*) *Publication Committee:*

President.
Treasurer.
General Secretary.
Philological Secretary.
Jt. Philological Secretary.
Biological Secretary.
Physical Science Secretary.
Anthropological Secretary.
Medical Secretary.
Library Secretary.
Philosophical Secretary.
Historical and Archaeological Secretary.

(*d*) *Bibliotheca Indica Committee:*

President.
Treasurer.
General Secretary.
Dr. S. K. Chatterji.
Prof. M. M. Haq.
Dr. B. C. Law.
Sir S. Radhakrishnan.
Sir Jadunath Sarkar.
Dr. M. Z. Siddiqi.
Hon'ble Mr. Justice N. G. A. Edgley.
Mr. T. N. Ramachandran.
Prof. V. Vedantatirtha.

No. 5. 28-2-41.

CONGRATULATIONS—

Recommendations of the Sub-Committee for making necessary arrangements re: Society's felicitations on the 80th birthday of Sir P. C. Ray and of Sir Nilratan Sarkar. Send congratulatory addresses to both.
No. 13. 29-1-41.

List of Fellows and members of the Society who received the New Year Honours, and letters in acknowledgment of the Society's felicitations for the same. Record.
No. 15. 29-1-41.

Recipients of King Emperor's Birthday Honours. Congratulate.
No. 11. 30-6-41.

Letter dated 21-7-41 from Dr. J. N. Mukherjee requesting the Society to participate in the celebration of the 80th birthday of Sir P. C. Ray on 2-8-41 and to send him a letter of congratulations. Present a suitable address to Sir P. C. Ray signed by the President. The General Secretary is to represent the Society and read the address on behalf of the Society.
No. 2. 28-7-41.

Letter dated 22-7-41 from MM. Sir Ganganath Jha, Kt., expressing his thanks for the Society's congratulations on his obtaining a Knighthood. Record.
No. 12. 28-7-41.

COUNCIL—

Vote of thanks to the outgoing Council. Pass a vote of thanks.
No. 17. 29-1-41.

Acceptance of seats on Council by the Council Members. Record. The Chairman extended a hearty welcome to the new members.
No. 1. 28-2-41.

The General Secretary reported that he would be absent from Calcutta from the 1st to the 25th of October and that during his absence Dr. Kalidas Nag, Historical and Archaeological Secretary, will carry on the duties of the General Secretary. Approve the arrangement made by the General Secretary.
No. 21. 18-9-41.

Informal consideration regarding composition of Council for 1942-43.

On Dr. Baini Prashad's expressing a desire to retire from the Council during the coming year, the following list of candidates for nomination to next year's Council was placed after discussion before the meeting for consideration:

President	Dr. C. S. Fox.
Vice-President	Sir John Lort-Williams, Kt.
,,	Dr. S. P. Mookerjee.
,,	Dr. S. K. Chatterji.
,,	Dr. M. N. Saha.
General Secretary	Dr. B. S. Guha.
Treasurer	C. W. Gurner, Esq.
Philological Secretary ..	Dr. Nalinaksha Dutt.
Joint Philological Secretary ..	Prof. M. Mahfuz-ul Haq.
Natural Hist. Secretary (Biology)	Dr. K. P. Biswas.
Natural Hist. Secretary (Phys. Science)	Dr. K. N. Bagchi.
Anthropological Secretary ..	H. C. Chakladar, Esq.
Philosophical Secretay ..	Prof. Vanamali Vedantatirtha.
Historical and Archaeological Secretary	Vacant.
Medical Secretary	Dr. John B. Grant.
Library Secretary	Dr. Kalidas Nag.
Member of Council ..	Dr. S. C. Law.
,, ..	Dr. M. Z. Siddiqi.
,, ..	Hon'ble Mr. Justice N. G. A. Edgley.
,, ..	Mr. L. R. Fawcus.
,, ..	Dr. S. L. Hora.

Unanimously resolved that the General Secretary do print and circulate to the members of Council the list of Council as at present constituted, together with the new list placed before the meeting, and provided with a blank column for additional names, and that these lists be returned to the General Secretary within a week of the date of issue, and that a list be compiled of the candidates finally proposed and be placed before the next Council meeting to be voted upon.

No. 19. 26-11-41.

On the motion of Dr. Syamaprasad Mookerjee it was resolved unanimously to record Society's great appreciation of the services of (1) Dr. Baini Prashad as Member of Council, as Natural History Secretary (Biology), as Treasurer and as Secretary of the Re-organisation Committee between 1924–1941 and of (2) Dr. J. N. Mukherjee as Natural History Secretary (Physical Science) and as Library Secretary between 1933–1941.

No. 34. 26-11-41.

Council Nomination, 1942-43. The General Secretary reported that 13 Council Members had returned the list of candidates circulated, duly signed and with a few alternative suggestions.

After discussion, resolved that the following names be declared as Council candidates for election to next year's Council, and that the list be ordered to be issued to the Resident Members as prescribed in Rule 44.

President	Dr. C. S. Fox.
Vice-President ,, ...	Sir John Lort-Williams, Kt.
,,	Hon'ble Dr. S. P. Mookerjee.

Vice-President	Dr. S. K. Chatterji.
,,	Dr. Meghnad Saha.
General Secretary	Dr. B. S. Guha.
Treasurer	C. W. Gurner, Esq.
Philological Secretary	Dr. Nalinaksha Dutt.
Joint Philological Secretary	Prof. M. Mahfuz-ul Haq.
Nat. Hist. Secretary (Biology)	Dr. K. P. Biswas.
Nat. Hist. Secretary (Physical Science)	Dr. K. N. Bagchi.
Anthropological Secretary	H. C. Chakladar, Esq.
Philosophical Secretary	Prof. V. Vedantatirtha.
Hist. and Arch. Secretary	Dr. Kalidas Nag.
Medical Secretary	Dr. J. B. Grant.
Library Secretary	Dr. S. L. Hora.
Member of Council	Dr. S. C. Law.
,,	Prof. M. Z. Siddiqi.
,,	Hon'ble Mr. Justice N. G. A. Edgley.
,,	L. R. Fawcus, Esq.

No. 23. 18-12-41.

EXCHANGE—

Recommendation Library Committee, No. 1 of 29-1-41. Application for an exchange of publication from the Director, Sri Venkateswara Oriental Institute, Tirupati. Exchange their publications of equal value with the Society's Journal. Accepted by Council.

No. 11. 29-1-41.

Letter from the Afghan Riyasat requesting our help in writing out the history of their country and desiring exchange of 'Kabul Magazines' with our Journals. (1) Profs. M. M. Haq and M. Z. Siddiqi to examine their request for assistance in writing out the history; (2) exchange their magazines with our Journal of equal value.

No. 14. 28-2-41.

Recommendation Library Committee No. 1 of 23-7-41. Application for exchange of publications from the Secretary, Board of Research, Osmania University. Agree to exchange, Journal. Accepted by Council.

No. 8. 28-7-41.

FINANCE—

Recommendation Finance Committee No. 3 of 29-1-41. Report re: investment by the Honorary Treasurer of a Fixed Deposit (receipt No. 18437) of Rs.10,000 for a further period of one year. Approve action taken. Accepted by Council.

No. 10. 29-1-41.

Recommendation Finance Committee No. 5 of 29-1-41. The Auditors' (Messrs. Price, Waterhouse, Peat & Co.) report dated 27-1-41 on the Statement of Accounts for the year ended 31st December, 1940. Circulate. Accepted by Council.

No. 10. 29-1-41.

Recommendation Finance Committee No. 2(*a*) of 27-12-41. Bill No. 525 of 3-2-41 from Messrs. Price, Waterhouse, Peat & Co., for Auditing fee for 1940. Pay. Accepted by Council.

No. 6. 28-2-41.

Recommendation Finance Committee No. 6 of 27-2-41. It was further resolved that all matters relating to finance should be submitted to the Treasurer before any action regarding them is taken, so far as practicable. Accepted by Council.
No. 6. 28-2-41.

Recommendation Finance Committee No. 4 of 24-3-41. Renewal of Fixed Deposit (Receipt No. 18521, dated 1-4-40) for Rs.10,000 with the Imperial Bank of India, Park Street, which will mature on 1st April, 1941. Renew.
No. 10. 31-3-41.

Recommendation Finance Committee No. 2(*a*) of 23-4-41. Bharat (Sales) Ld., by cost of supplying materials for Stock-Register, bill dated 1-4-41. Rs.276-8-0. Pay. Accepted by Council.
No. 5. 28-4-41.

Recommendation Finance Committee No. 3(*a*) of 25-8-41. Renewal of a Fixed Deposit (Receipt No. 18673, dated 2-9-41) for Rs.10,000 with the Imperial Bank of India, Park Street, which will mature on 2-9-41. Renew as usual. Accepted by Council.
No. 11. 29-8-41.

Recommendation Finance Committee No. 3(*b*) of 25-8-41. Excess expenditure under the following heads over the Budget Estimate, 1941, and extra sanction required till the end of the year.

Stationery, Rs.300; Contingencies, Rs.482; Furniture, Rs.400.

Sanction excess expenditure to be met out of the surplus in other heads. Accepted by Council.
No. 11. 29-8-41.

Recommendation Finance Committee No. 4 of 25-8-41. Report conversion of Rs.5,000/3% Loan, 1941, belonging to the Provident Fund of the Society, to 3% loan 1963/65 in pursuance of the recent Government Notification. Action approved. Accepted by Council.
No. 11. 29-8-41.

Recommendation Finance Committee No. 3(*a*) of 20-11-41. Renewal of a Fixed Deposit (Receipt No. 34406, dated 29-10-40) for Rs.10,000 for a further period of one year, which matured on 20-10-41. Renew. Accepted by Council.
No. 20. 26-11-41.

Recommendation Finance Committee No. 3(*c*) of 20-11-41. Payment of Office Establishment Bills for October, 1941, as a special case without being put up before the Finance Committee for their formal approval. Resolved that the payment be approved. Accepted by Council.
No. 20. 26-11-41.

Recommendation Finance Committee No. 9 of 20-11-41. Bad debts to be written off owing to deaths, resignations, operation of Rule 38, Rule 40, etc. Write off the amounts except in the cases of Messrs. Mukul Dey, Rai Bahadur S. M. Bhuyan and Dr. C. C. Caldar for final appeal by the General Secretary. Accepted by Council.
No. 20. 26-11-41.

Investment of Rs.10,000 to a Fixed Deposit with the Imperial Bank of India, Park Street, for one year beginning from 1st December 1941. Invest.
No. 31. 26-11-41.

Recommendation Finance Committee No. 2(*b*) of 15-12-41. Report Investment made of Rs.10,000 to a fixed deposit with the Imperial Bank of India, for a period of one year from 1st December, 1941, as per Council order dated 28-11-41. Record. Accepted by Council.
No. 8. 18-12-41.

Recommendation Finance Committee No. 4 of 15-12-41. Authority for payment of bills by the General Secretary and Treasurer till the next Finance Committee meeting. Authorise. Accepted by Council.
No. 8. 18-12-41.

FURNITURE—

Recommendation Finance Committee No. 2(*d*) of 26-5-41. Indian Electric Works Ld., for supplying four 'India 69' fans with regulators, etc., complete, bill dated 7-4-41, Rs.565-2-0. Pay. Accepted by Council.
No. 6. 30-5-41.

GRANTS—

Letter No. 788 Misc. of 17-6-41 from the Government of Bengal informing the Society of the restoration of 20% cut in a monthly grant of Rs.250 towards publication of Sanskrit works in response to General Secretary's letter No. 1736 of 25-8-39. Convey the thanks of the Council to the Government and request it to restore the other cut.
No. 11. 28-7-41.

Letter dated November 24 from Dr. Baini Prashad regarding his conversation with Mr. Sargent, Educational Commissioner, about grants to the Society from the Govenent of India. Record.
No. 27. 26-11-41.

INDIAN HISTORICAL RECORDS COMMISSION—

Letter No. 5965-R.R. of 12-12-40 from the Government of Bengal together with enclosures asking the Society's suggestion in connection with the re-organisation of the Indian Historical Records Commission. Recommendation: Resolved that the papers be re-circulated to the members of the Sub-Committee and another meeting held next week.
Special Committee. 4-6-41.

Letter No. 596(5) R-R of 12-12-40 from the Government of Bengal together with enclosures asking the Society's suggestion in connection with the re-organisation of the Indian Historical Records Commission. The following resolution was passed:

(1) We suggest that before the various proposals for the preparation of a list of all documents, and the publication of some of the more important ones, are taken in hand—a classification of the various documents in Government Collections—a sort of classified hand-list—may first be undertaken, viz., under different heads, like political, economic, administrative, intellectual and cultural, etc.; the different documents might be arranged serially, with a brief indication of their scope, the date, etc. This will be of immediate practical utility for researcher

who will then be in a better position to judge the value of particular documents for his use.

(2) We also propose that the composition of the Indian Historical Records Commission and of its publication and Research Committee should be extended and certain principles followed in nominating or selecting its personnel. There are to be of course some Government officials as *Ex-officio* members, but we consider that the Universities and Academic Institutions like ours should be given adequate representation, both on the Commission as well as on the Committees. The number and the manner of selection of such representatives and the panel of Universities to be selected may be fixed by the Government. We do not agree to the proposal of reducing the number of corresponding members from the existing figure to 40. Considering that historical study and research is making good progress in different parts of India, and the number of really competent scholars in Indian History is growing apace, we think it would serve to encourage historical research in India if the number of the corresponding members could be increased, so that all the Provinces and the Federated States might be fully associated with the work of the Commission.

(3) We would also draw the attention of the Commission to the fact that some arrangements might be made by which the largest number of research workers may avail of the documents in the Government collection at Delhi without much hardship or inconvenience. As things stand, by far the largest number of such workers come from the different University centres which are outside the city of Delhi. The Commission should in this connection utilise the co-operation of Universities and Institutions like ours, so that documents might be sent on loan on similar terms and conditions as MSS. (some of which are unique) are sent out to various parts of India by this Society and sometimes even from England to India by the India Office Library and *vice versa*.

(4) Lastly, we suggest that arrangements may also be made for microfilming documents whenever such microfilms are required by scholars.

11-6-41.

Report of the Indian Historical Records Commission Special Committee. Circulate the minutes of the Committee (dated 30th June, 1941) and re-consider the matter in the next meeting of the Council.
No. 4. 30-6-41.

Minutes of the meeting of the Indian Historical Records Commission Special Committee held on 11-6-41. Resolved that copies of the minutes be made and re-circulated to members of Council.
No. 1. 28-7-41.

Minutes of the Indian Historical Records Commission Special Committee. Accept as modified by Dr. Prashad.
No. 1. 29-8-41.

INSURANCE—

Recommendation Finance Committee No. 3 of 24-3-41. Renewal of Fire Policy No. 15467332 with the Commercial Union Assurance Co., Ld., for Rs.2,50,000 at an annual premium of Rs.312-8-0 which falls due on 19th April, 1941. Renew. Accepted by Council.
No. 10. 31-3-41.

Recommendation Finance Committee No. 3(*b*) of 23-6-41. Renewal of annual premium of Rs.31-4-0 on Fire Policy No. 2014923 for Rs.25,000

with Messrs. Royal Insurance Co., Ld., covering MSS. and Documents, etc., which will fall due on 6th July, 1941. Renew. Accepted by Council.
No. 5. 30-6-41.

Recommendation Finance Committee No. 3(*b*) of 23-7-41. Renewal of Fire Policy No. 15467733, with the Commercial Union Assurance Co., Ld., for Rs.1,25,000 covering books and pictures at an annual premium of Rs.156-4 which will fall due on 10th August, 1941. Renew. Accepted by Council.
No. 7. 28-7-41.

LEASE—

Letter dated 8-1-41 from Messrs. B. N. Basu & Co. re: points raised by the President in connection with permission sought by the Standard Vacuum Oil Company. Ask the solicitors to make enquiries from the Corporation of Calcutta and other sources.
No. 5. 29-1-41.

Letter from Messrs. B. N. Basu & Co. dated 11-3-41 re: the proposed structure to be erected by Messrs. Standard Vacuum Oil Company. Allow them to build.
No. 1. 31-3-41.

LECTURES—

Letter dated 23-12-40 from Dr. S. L. Hora re: his proposed General Lecture. Accept Dr. Hora's suggestion to deliver a lecture on 'The Life-History and Wanderings of *Hilsa* in Bengal'.
No. 3. 29-1-41.

On the motion of the Hon'ble Mr. Justice Edgley it was resolved that the time of General Lectures in the Society be fixed at 6 p.m. instead of 5 p.m. as at present.
No. 14. 28-7-41.

LIBRARY—

Recommendation Library Committee of 27-2-41. It was further resolved that matters concerning the working of the Library should in all cases be submitted to the Library Secretary before any action regarding them is taken so far as practicable. Accepted by Council.
No. 7. 28-2-41.

Recommendation Library Committee of 24-3-41. It was resolved that a copy of the list of purchase recommendations is to be sent to each member of the Library Committee before the meeting. Accepted by Council.
No. 9. 31-3-41.

Recommendations of the Library Committee Nos. 2, 3, 4 and 5 of 24-3-41.
Note on the reinforcement and preservation of old records and Manuscripts received from the Library Secretary.
D.O. Letter No. 123/G.P./41 of 28-2-41 from Dr. J. N. Mukherjee in continuation of his previous note regarding the preservations of MSS.
D.O. letter No. 196/G.P./41 of 20-3-41 from Dr. J. N. Mukherjee enclosing a letter from Dr. S. N. Sen in connection with the preservation of MSS.

Letter of 21-3-41 from Mr. A. R. Foster of Messrs. The Imperial Chemical Industries (India), Ld., regarding the preservation of MSS. (1) Refer these to the Council; (2) Continue repairing the manuscripts by the present process. Accepted by Council.
No. 9. 31-3-41.

Report of the Committee for the disposal of incomplete books, etc., together with suggestions from Sectional Secretaries. Resolved that all such books, etc., be placed on the table for inspection by members of the Council and final decision.
No. 3. 28-4-41.

Recommendation Finance Committee No. 2(*b*) of 23-4-41. Bharat (Sales) Ld., by cost of supplying materials for Library Register, bill dated 25-3-41. Rs.232-12-0. Pay. Accepted by Council.
No. 5. 28-4-41.

Application dated 17th April, 1941, from Prof. Dinesh Chandra Bhattacharya of Hooghly Mohsin College requesting permission to take notes, etc., from several Sanskrit manuscripts belonging to the Society. Apply rules.
No. 14. 28-4-41.

Application dated the 26th of June from Prof. Dinesh Bhattacharya of Hooghly Mohsin College praying for permission to take down notes and extracts from several manuscripts. Permit.
No. 13. 30-6-41.

Recommendation Library Committee No. 2 of 26-5-41. Letter from Dr. Raghu Vira, International Academy of Indian Culture, Lahore, suggesting the purchase of 'Ali-Kali-Bija-Haram' (The first book of Sanskrit with Tibetan and Mongolian transliteration) for the Society's Library—Rs.6. Purchase. Accepted by Council.
No. 7. 30-5-41.

Request for permission by Prof. I. Hikmet, Advisor at the Ministry of Education at Kabul, for photostat copies of first and the last page, etc., of MSS. Jan-i-Fuduli and Diwan-i-Kamran. Permit.
No. 15. 30-5-41.

Recommendation Library Committee No. 3 of 26-4-41. The question of the purchase of part III of 'Paippalada' Samhita (price Rs.30-14-0) of which the Society possesses parts I and II. Purchase. Accepted by Council.
No. 7. 30-5-41.

Change of Office and Library hours due to recent Government communique about light restrictions. Existing office hours to continue, but the Library to close at 6 p.m. from the 2nd June, 1941.
No. 10. 30-5-41.

Informal sanction for extra expenditure of Rs.760 incurred for the purpose of up-to-date registers and other equipments for the Library and the Stock rooms not provided for in the Annual Budget for 1941. Sanction.
No. 13. 30-5-41.

Recommendation Finance Committee No. 2(*a*) of 23-6-41. Bharat (Sales) Ld., by cost of Library and Stock room equipments, bill dated 28-5-41. Rs.109-5-0. Pay. Accepted by Council.
No. 5. 30-6-41.

Letter dated 3-6-41 from Dr. N. N. Law regarding presentation of the 1940 issues of the Indian Historical Quarterly to the Society. Convey Society's thanks to Dr. N. N. Law.
No. 10. 30-6-41.

Letter No. RB/G-14 of 2-6-41 from Dept. of Commerce, Board of Scientific and Industrial Research, conveying their thanks to the Council for the privilege of borrowing books from the Library. Record.
No. 12. 30-6-41.

Purchase recommendations. Write to Mr. Percy Brown to present a copy of his work 'Indian Architecture' Vols. I and II, to the Library.
No. 2. 23-7-41.

Letter dated 13-8-41 from Mr. Suresh Chandra Banerjee asking permission to utilise some Sanskrit MSS. belonging to the Society. Resolved that Mr. Banerjee be permitted to utilise the following MSS. with suitable acknowledgment to the Society:

(*a*) Durgotsavaviveka (Cat. No. 113).
(*b*) Durgotsavaviveka (Cat. No. 5336).
(*c*) Durgotsavaviveka (Cat. No. 800).
(*d*) Vratakalaviveka (Cat. No. 3437).
(*e*) Vratakalaviveka (Cat. No. 114).

No. 8. 29-8-41.

Letter from Mr. C. W. Gurner suggesting that Library Regulation No. 12 should be more strictly enforced. Resolved that the Library Regulation No. 12 be strictly enforced.
No. 10. 26-11-41.

LOAN OF MANUSCRIPTS—

Application from the Calcutta University Library for loan of two MSS. of Samadhirajasutra. Lend on usual conditions.
No. 2. 28-2-41.

Letter No. 2632 dated 4-12-40 from the Punjab University Library, requesting the loan of 3 MSS. (1) Tandalaksana Sutra, (2) Kalpanjpada Sutram, and (3) Anupada Sutram. Issue under usual conditions.
No. 18. 31-3-41.

Letter No. 2000/39 of 20-2-41 from the Registrar, University of Allahabad, requesting the loan of the MS. Mayalaka Darpana. (1) Decline request as it is a rare work. (2) Ask the Registrar if they want a photostat copy to be made.
No. 19. 31-3-41.

Letter dated 18-4-41 from Dr. Hem Chandra Ray returning the MS. Surjanacaritam. Record and agree to his request not to issue the manuscript without first consulting him.
No. 15. 28-4-41.

Application by the Calcutta University Library for the loan of MS. Subhashita-Sara-Samuccaya, pt. 1. Lend on usual conditions.
No. 14. 30-5-41.

Application from the Punjab University Library for the loan of the MS. Kṛtyakalpataru. Lend on usual conditions.
No. 9. 30-6-41.

Applications from the Bhandarkar Oriental Research Inst., Poona, for loan of the MS. Malatimadhava, and the Sharh-i-Nuzahatul-Arwah. (1) Extend the period of the loan of the MS. Malatimadhava to 1st January, 1942, but call it back for inspection before lending it for a further period. (2) Decline request to borrow the Sharh-i-Nuzatul-Arwah, as it is in a damaged condition.
No. 4. 28-7-41.

Application from Visva Bharati for loan of the MS. Sirr-i-Akbar. Lend only No. 1708 of the Society's collection.
No. 5. 28-7-41.

Application dated 28-7-41 from the University of Madras for the loan of MS. Vedantakaumudibhashya. Postpone consideration till next meeting.
No. 7. 29-8-41.

Request from the Punjab University Library to lend them 5 MSS.

(1) Sirajul-Lughat.
(2) Majmua.
(3) Majmua-e-dar-Aruz.
(4) Diwan-i-Arzu.
(5) Safinat-ush-Shuara.

Postpone consideration till next meeting.
No. 18. 29-8-41.

Request from Pandit Kedarnath for the loan of MSS. Sanatkumarasamhita and Suvarnatantra. Lend on usual conditions.
No. 19. 29-8-41.

Application dated 28-7-41 from the University of Madras for the loan of MSS. Vedantakaumudibhashya. Lend on usual conditions.
No. 7(*a*). 18-9-41.

Application dated 15th September, 1941, from the University of Madras for the loan of:

(*a*) Raghuvamsa (with commentary of Srinatha).
(*b*) Raghuvamsa (with commentary of Hemadri and Udayakara).
(*c*) Raghuvamsatika by Avasathi.
(*d*) Raghuvamsatika by Bṛhaspati Misra.
(*e*) Raghuvamsatika by Sumativijaya.
(*f*) Raghuvamsatika by Bharatasena.

Lend the first two for the present. The others are to be lent out in lots of not more than three at a time after the former are returned.
No. 7(*b*). 18-9-41.

Request from the Punjab University Library for the loan of 5 MSS. Lend only the Diwan-i-Arzu and enquire if they want photostat copies of the others which are rare and cannot be lent out.
No. 8. 18-9-41.

Letter No. L/1668 of 10-11-41 from the Librarian, Calcutta University, requesting an extension of the period of loan of two MSS. of Samadhiraja Sutra and one of Subhasitasarasamuccaya for a further period of six months. Extend loan and renew bond.
No. 14. 26-11-41.

Letter No. MS. 3307 of 1941 of 18-9-41 from the Curator, Bhandarkar Oriental Research Inst., requesting an extension of the period of loan of the MS. Malatimadhava up to 1-3-42. Request them to return MS. for inspection and re-issue it under a fresh bond.
No. 15. 26-11-41.

Letter No. S/11955 of 21-11-41 from the Society's Solicitors, Messrs. B. N. Basu & Co., regarding validity of the original bond when the loan periods are subsequently extended. Adopt Solicitors' suggestions and apply it to all such cases from now on.
No. 16. 26-11-41.

Application for loan of two Sanskrit MSS. by Mr. Chhote Lal Jain Request him to consult the MSS. in the Society's premises.
No. 29. 26-11-41.

Application for loan of 1 Persian MS. by Khan Bahadur M. Zafar Hasan. Lend MS. No. 698 on usual conditions.
No. 30. 26-11-41.

Letter dated the 30th September, 1941, from the Registrar, University of Madras, regarding the substitution of formal voucher for Bond when borrowing MSS. from the Society. Apply rules.
No. 32. 26-11-41.

Application dated 28-11-41 from the Registrar, Deccan College Post-Graduate and Research Inst., for the loan of the MS. 'Mahmud Gawan Riyadu'l-Insha'. Lend the MS. No. 128 of the Curzon Collection against indemnity bond to the value of Rs.200.
No. 15. 18-12-41.

Application for the extension of the period of loan of Manuscripts from:

(*a*) Prof. S. K. Rahman (letter of 8-12-41) till 31-12-42 (two MSS of Curzon Collection Nos. 51 & 53). Request him to return the MSS. for inspection, and re-issue against fresh bonds for the period ending with 21-12-42.

(*b*) Pt. Kedar Nath (letter of 2-12-41) for three months two MSS. Sanatkumarasamhita and Suvarnatantra. Extend for three months.
No. 16. 18-12-41.

MANUSCRIPTS—

Report of a theft of two copies of the Sanskrit MSS. Catalogue (Vol. VIII. part 1) on 20-2-41 and of action taken by the Acting General

Secretary regarding the same. Approve action taken by the Acting General Secretary.
No. 3. 28-2-41.

Note on the reinforcement and preservation of old records and MSS. received from the Library Secretary.
D.O. Letter No. 123/G.P./41 of 28-2-41 from Dr J. N. Mukherjee in continuation of his previous note re: the preservation of MSS.
D.O. Letter No. 195/G.P./41 of 20-3-41 from Dr. J. N. Mukherjee enclosing a letter from Dr. S. N. Sen in connection with the preservation of MSS.
Letter of 12-3-41 from Mr. A. R. Foster of Messrs. Imperial Chemical Industries (India) Ld., re: preservation of MSS. (Circular No. 45).
It was resolved that a Sub-Committee consisting of the Ex-Officio members, the Library Secretary and Mr. A. R. Foster of M/S. Imperial Chemical Industries (India) Ld., be formed to discuss methods of preservation, and that the General Secretary be requested to obtain an estimate for air-conditioning a room or part of a room required for preserving valuable MSS.
Nos. 2–5. 31-3-41.

Recommendation from the Philological Secretary for the purchase of a palm-leaf manuscript, entitled 'Purushapariksha' in Maithili script. Purchase the manuscript for Rs.60.
No. 25. 18-12-41.

MEETINGS—

The question of holding monthly and Council meetings during the recess month of September. Hold a Council and a Monthly Meeting in September.
No. 14. 29-8-41.

Fixing of dates for Special Finance Committee meeting for consideration of Budget for 1942; and of Committee and Council meetings in December, 1941. Hold Special Finance Committee meeting on the 10th, Committee meeting on the 15th and the Council on the 18th of December.
No. 28. 26-11-41.

MEMBERSHIP—

Report revival of Ordinary membership by Prof. Sukumar Roy whose election lapsed on 6-1-41. Agree to revival.
No. 10. 28-2-41.

Recommendation Finance Committee No. 6(i) of 23-7-41. List of members in arrears with subscriptions. Apply Rules. Also send personal letters. Accepted by Council.
No. 7. 28-7-41.

Recommendation Finance Committee No. 6(ii) of 23-7-41. List of members who are in arrears with their subscriptions for eight or more quarters and to whom Circular Letter No. 3 will have to be sent. Apply rules. Accepted by Council.
No. 7. 28-7-41.

Letter dated 5-5-41 from Mr. Edward M. Groth, American Consul, submitting his resignation as a member of the Society on the eve of his departure from Calcutta. Record.
No. 11. 30-5-41.

Letter from Mr. Vartan Melkonian dated 10th July, 1941, requesting the Society to exempt him from payment of admission and membership fees till facilities for remitting money from Basrah are restored. Exempt till facilities are restored.
No. 21. 29-8-41.

Recommendation Finance Committee No. 5 of 20-11-41. List of members who are in arrears with their subscription for four or more quarters to whom circular No. 1 will have to be sent. Apply rules. Accepted by Council.
No. 20. 26-11-41.

Recommendation Finance Committee No. 6 of 20-11-41. List of members who are in arrears with subscription for four or more quarters to whom circular No. 2 will have to be sent. Apply rules. Accepted by Council.
No. 20. 26-11-41.

Recommendation Finance Committee No. 7 of 20-11-41. List of Members for removal under Rule 38 to whom Circular No. 3 was sent more than six months ago:—

1.	M. Jamal-ud-din Ahmed	Rs. 96
2.	A. F. M. Abdul Kadir	,, 78
3.	P. R. Awati	,, 61/8
4.	N. C. Bhattacharya	,, 66
5.	B. C. Ghose	,, 90
6.	N. K. Jain	,, 66
7.	R. R. Khan	,, 108
8.	B. Tarkatirtha	,, 99
9.	C. W. Tressler	,, 72

Apply Rules. Accepted by Council.
No. 20. 26-11-41.

Recommendation Finance Committee No. 8 of 20-11-41. List of Members for removal under Rule 40.

1. M. C. Ghose (absent since 1938).
2. A. J. Hopkins ,,
3. G. T. Labey ,,
4. Sarabjit Singh ,,
5. H. E. Short ,,
6. A. Sommerfeld ,,
7. H. F. F. Williams ,,

Resolved that attempts may be made by the General Secretary to find the present addresses of as many of them as possible with a view to making a final appeal. Accepted by Council.
No. 20. 26-11-41.

Removal of names under Rule 38 (arrears of subscription) in terms of the Finance Committee recommendation of 20-11-41 in the Ordinary Monthly Meeting in January 1942. Apply Rules.
No. 14. 18-12-41.

Further application dated 11-10-41 from Mr. B. V. Raman requesting to be elected as a member of the Society. Reject; no alteration of the decision of the Council of January, 1940.
No. 19. 18-12-41.

MISCELLANEOUS—

Letter dated 23-12-40 from Dr. U. N. Ghosal forwarding his report on a number of High Court Records. Record with thanks.
No. 6. 29-1-41.

Letter from the Private Secretary to the Maharajadhiraja of Darbhanga conveying thanks for the presentation of a copy of Varnaratnakara. Record.
No. 12. 28-2-41.

Letter of 22-3-41 from Maharajkumar Raghubir Sinh intimating his appreciation for the help rendered to him by the Society in connection with the details of the life of John Collins and Joshiah Webb. Record.
No. 17. 31-3-41.

Letter dated 6-6-40 from the Director, Rockfeller Foundation, New York, regretting that owing to the present conditions it will not be possible for them to render any financial help to the Society. (1) Record. (2) Send an appropriate reply.
No. 10. 28-4-41.

Letter from Mr. M. B. Ahmad of 9-7-41 regarding insertions of an advertisement in the Journal of the Society. The General Secretary be requested to draw up a scheme for advertisements and ascertain rates from different parties.
No. 3. 28-7-41.

Letter dated 23-8-41 from Atul Bose regarding the execution of a portrait of the late Poet Rabindra Nath. Refer the matter to the next Finance Committee.
No. 5. 29-8-41.

Recommendation Finance Committee No. 2 of 15-9-41. Consideration of proposals for a portrait of Rabindra Nath Tagore. On the suggestion of the Chairman it was resolved to invite members to contribute to a fund for defraying the expenses of a portrait of Poet Tagore for the Society. Accepted by Council.
No. 11. 18-9-41.

Letter dated 8-9-41 from B. M. Press suggesting registration of the Society as a dealer under the Bengal Finance (Sales Tax) Act, 1941, for the purpose of selling its publications. Postpone consideration.
No. 6. 18-9-41.

Letter dated 22-9-41 from Mr. C. W. Gurner regarding the registration of the Society as a dealer under the Bengal Finance (Sales Tax) Act, 1941, for the purpose of selling its publications. Record.
No. 7. 26-11-41.

MEDALS—

Recommendations of the Sir William Jones Memorial Advisory Board. Accept.
No. 9. 29-1-41.

Appointment of Advisory Boards for the award of:

(*a*) The Barclay Memorial Medal.
(*b*) The Joy Gobind Law Memorial Medal.
(*c*) The Paul Johannes Brühl Memorial Medal.

Resolved that:

(*a*) The Barclay Memorial Medal Board be constituted of:—

The President.
Dr. K. P. Biswas.
Dr. G. S. Bose.
Dr. Baini Prashad.
Dr. B. S. Guha.

(*b*) The Joy Gobind Law Memorial Medal Board be constituted of:—

The President.
Dr. S. C. Law.
Dr. Baini Prashad.
Dr. K. P. Biswas.
Dr. B. S. Guha.

(*c*) The Paul Johannes Brühl Memorial Medal Board be constituted of:—

The President.
Dr. K. P. Biswas.
Dr. S. P. Agharkar.
Dr. Baini Prashad.
Dr. B. S. Guha.
No. 3. 18-9-41.

Recommendation of the Barclay Memorial Medal Advisory Board of 16-12-41. Accept recommendation, Sir David Prain.
No. 10. 18-12-41.

Recommendation of the Joy Gobind Law Memorial Medal Advisory Board of 16-12-41. Accept recommendation, Dr. K. N. Bahl.
No. 11. 18-12-41.

Recommendation of the Paul Brühl Memorial Medal Advisory Board of 16-12-41. Ask for a detailed statement regarding Rao Bahadur G. N. Rangaswami Ayyangar, and circulate it with the statement submitted by Dr. K. P. Biswas to the members of the Board, after which the President, in consultation with the General Secretary, to decide, in consonance with the opinion expressed by the members, to whom the medal is to be awarded.
No. 12. 18-12-41.

OBITUARY—

Death: Dr. Sushil Kumar Mukherjee (Ordinary Member, 1927). Send letter of condolence to Mrs. S. K. Mukherjee.
No. 9(*c*). 28-2-41.

Deaths: (1) Prof. C. R. Lanman (Honorary Fellow, 1896); (2) Sir James Frazer (Honorary Fellow, 1920).
Announce. Request Dr. Kalidas Nag to write an Obituary Notice of the late Prof. C. R. Lanman, and Dr. B. S. Guha of the late Sir James Frazer.
No. 9(*c*). 30-5-41.

Deaths: (1) G. S. Dutt; (2) Eugene Dubois, recipient of Annandale Memorial Medal for 1933.
Request Dr. M. N. Saha to write an Obituary Notice of the late Mr. G. S. Dutt, and Dr. B. S. Guha of the late Dr. Eugene Dubois.
No. 8(*c*). 30-6-41.

Report by the General Secretary of the death of Maharajadhiraja Sir Bijay Chand Mahtab of Burdwan, Vice-President of the Society, on 28th August, 1941. A condolence motion was passed, the members remaining standing. Send a copy of the resolution to the present Maharajadhiraja.
(Preli.) 18-9-41.

Letter dated 9-11-41 from Maharajadhiraja U. C. Mahtab of Burdwan thanking the Society for sending him a letter of condolence on the death of his father. Record.
No. 25. 26-11-41.

Letter dated 26-8-41 from Mr. Rathindra Nath Tagore expressing appreciation for the message of sympathy sent to him by the President on behalf of the Society. Record.
No. 15. 18-9-41.

Report of the death of Ganga Nath Jha, the Editor of the Manusmrti, Tantravartika and Slokavartika in the Bibliotheca Indica. A condolence motion was passed, the members remaining standing. Send a copy of the resolution to his son, Dr. Amar Nath Jha, Vice-Chancellor, Allahabad University.
(Preli.) 26-11-41.

Letter dated 8-12-41 from Dr. Amar Nath Jha thanking the Society for the letter of condolence on the death of his father, MM. Dr. Sir Ganganath Jha, Kt. Record.
No. 1. 18-12-41.

Report of the death of Dr. M. Hidayat Hosain. Record.
No. 4. 18-12-41.

ORDINARY FELLOWS—

Resolution of a meeting of Resident Fellows of the Society held under the terms of Regulation No. 2 on the 27th June, 1941, regarding the election of Fellows. Confirm and send voting papers by air mail to foreign Fellows.
No. 14. 30-6-41.

REQUESTS—

Letter from Rev. G. C. Dutt requesting the Society for contribution to help the work of reclamation of young girls rescued from brothels. Record. Write to Rev. G. C. Dutt regretting that the Society is not in a position to help the scheme with money.
No. 7. 29-1-41.

Letter dated 23-1-41 from the Lady Mary Herbert's Bengal Women's War Fund (31st January and 1st and 2nd February 1941) requesting the support and co-operation of the Society and enquiring if seats are to be reserved for members in reserved enclosures. No seats be reserved for members of the Society.
No. 18. 29-1-41.

Letter dated 15-2-41 from the Sri Venkateswara Oriental Institute, Tirupati, requesting for a complete set of the past issues of our Journal at half price. Sell at half price.
No. 15. 28-2-41.

Letter dated 26-2-41 requesting the loan of microfilm apparatus. Resolved that as the microfilm camera is on permanent loan to this Society from the American Council of Learned Societies it cannot be lent out without their sanction, but the enquirer be given all facilities to use it here by his own men if so desired.
No. 13. 28-2-41.

Letter dated 10-3-41 thanking the Council for permission granted to use the microfilm camera. Record.
No. 14. 31-3-41.

Letter of March, 1941, from Moorfields Eye Hospital requesting grant of donations. Record.
No. 2. 30-5-41.

Application from Dr. J. B. Chaudhury dated 21-8-41 asking for permission to publish a small portion of MS. Tantrarajatantratika and some select verses from the Subhasitasara-Samuccaya with due acknowledgment. Permit with due acknowledgment to the Society.
No. 16. 29-8-41.

Letter No. 6306/1189 dated the 19th August, 1941, from the Director, Geological Survey of India, requesting the use of the Society's rooms by the Department of Supply of the Government of India on the 28th August. Approve action taken by the General Secretary.
No. 17. 29-8-41.

Request from the National Institute of Sciences of India dated 6th August for the use of the Society's rooms on the 29th of August. Approve action taken by the General Secretary.
No. 22. 29-8-41.

Letter dated 12-9-41 from the Mining, Geological and Metallurgical Institute of India, requesting the use of the Society's Hall and Council Room on Friday, the 9th January, 1942, for holding the Annual General Meeting of the Institute. Agree to the use of the hall and room on usual conditions.
No. 5. 18-9-41.

Letter dated 9th September, 1941, from the Vice-Chancellor, University of Dacca, requesting the Society to lend seven blocks for illustrating the History of Bengal edited by him now in the press. Lend on usual terms.
No. 18. 18-9-41.

Letter dated 11-9-41 from Brahmo Girls' School requesting permission to use the Society's hall, chairs, on Friday, in the second week of February. Grant on usual conditions.
No. 20. 18-9-41.

Letter No. 2343 of 17-9-41 from the Principal Gurukul University, Brindaban, asking for the presentation of both parts of the Commentary of Medhatithi (in Sanskrit) on Manusmrti. Present.
No. 2. 26-11-41.

Letter dated 27-10-41 from the Corresponding Secretary, Royal Empire Society, Calcutta (with enclosures from the Royal Empire Society, London) requesting the Society to present it with a set of our Journal and Proceedings and a complete set of all our publications due to the destruction of their collections by enemy action. Present a set of Journal from 1915 and other available publications after the War is over.
No. 6. 26-11-41.

Letter dated 11-12-41 from the Corresponding Secretary, Royal Empire Society, thanking the Council for the decision to present to the Society a set of Journals, etc., after the War is over. Record.
No. 2. 18-12-41.

Letter dated 20-6-41 from the Royal Irish Academy requesting the Society to supply it with several numbers of the Memoirs. Supply the available numbers after the War is over.
No. 5. 26-11-41.

Letter No. 381/48 of 19-9-41 from Bangiya Sahitya Parishad requesting the Society to place them in the Free Distribution List of the Society's Publications. Enquire if they want copies of the works relating to Islamic Culture of the Bibliotheca Indica also.
No. 1. 26-11-41.

PRINSEP COMMEMMORATION—

To consider the best means of celebrating the Centenary of James Prinsep by the Society. Recommendation: (1) Resolved that a medal called the James Prinsep Medal for Indian Epigraphy be awarded by the Society biennially for the best original work in Ancient Indian Epigraphy and Numismatics, the details of which are to be worked out by the Council and the cost of the medal is to be met out of the Funds of the Society. The first medal is to be awarded, if possible, in 1942. (2) Resolved further that Prof. S. K. Aiyangar's suggestion as contained in his letter be accepted when publishing the Special Commemoration Number may be truly international the publication be postponed till the end of the War, though necessary steps to appraoch different scholars may meanwhile be taken.
Sub-Committee. 20-11-41.

Report of the Sub-Committee of the Society to consider the best means of celebrating the Centenary of James Prinsep by the Society. Accept recommendations of the Sub-Committee as modified below. (1) That funds be raised for instituting a Medal to be called the James Prinsep Medal to be awarded biennially by the Society for the best original work in Ancient Indian History. The first medal is to be awarded, if possible, in 1942. (2) That a special Commemoration

meeting be called to consider the details of the project. (3) That Prof. S. K. Aiyangar's suggestion as contained in his letter be accepted when publishing the Special Commemoration Number of the Journal and, in order that the number may be truly International the publication be postponed till the end of the War, though necessary steps to approach different scholars may meanwhile be taken.
No. 18. 26-11-41.

PROVIDENT FUND—

Recommendation Finance Committee No. 4(*b*) of 29-1-41. Application dated 27-1-41 from N. Gupta, Despatcher, for a loan of Rs.1,100 from Provident Fund Account. Lend maximum amount entitled under the Rule at 3% interest per annum, repayable at monthly instalments of Rs.15. Accepted by Council.
No. 10. 29-1-41.

Recommendation Finance Committee No. 5 of 27-2-41. Application from N. Gupta, dated 27-2-41 for a loan of Rs.200 from the Provident Fund. Postpone consideration. Accepted by Council.
No. 6. 28-2-41.

Application from the Sino-Tibetan Clerk, Trin Chen, for permission to join the Provident Fund from the current month. Admit.
No. 11. 28-2-41.

Recommendation Finance Committee No. 3 of 27-2-41. Application dated 10-2-41 from Mr. P. O. Matthai, Librarian, for a loan of Rs.1,250 from the Provident Fund Account. Pay Rs.1,000 only as per rules. Accepted by Council.
No. 6. 28-2-41.

Recommendation Finance Committee No. 4 of 23-4-41. Application dated 19-4-41 of a loan of Rs.190 from Provident Fund by B. B. Mukherjee for consideration. Grant loan at 3% interest per annum, repayable at monthly instalments of Rs.10. Accepted by Council.
No. 5. 28-4-41.

Recommendations of the Finance Committee of 23-4-41. (1) Accept. (2) Resolved that the Finance Committee be requested to suggest and put up before the Council additional regulations regarding grants of loans to members of the staff from the Provident Fund.
No. 5. 28-5-41.

Recommendation Finance Committee No. 3(*d*) of 23-6-41. Additional regulations regarding grants of loans to members of the staff from the Provident Fund (vide Council resolution of 28-4-41). The following be substituted in place of Regulation No. 17 of the Provident Fund Regulations of the Society. The Council may, at their discretion, authorise a temporary advance being granted from the Fund to any member subject to the following conditions:—

(*a*) No advance shall be granted unless the Council is satisfied with the applicant's pecuniary circumstances justify it, and that it will be expended on the following object or objects:—

(i) to pay expenses incurred in connection with the prolonged illness of the applicant or any person actually dependent on him;

(ii) to pay obligatory expenses on a scale appropriate to the applicant's status in connection with marriages, funerals or ceremonies which by his religion it is incumbent on him to perform.

(*b*) An advance shall not exceed except for special reasons:—

(i) six months' pay, or half the amount subscribed by the member, to the Fund, whichever is less;

(ii) unless the amount already advanced does not exceed two-thirds of the amount admissible under the sub-rule (*b*) (i) and shall not be granted until at least after the final repayment of all previous advances together with interest thereon. No advance will be granted within a year of the proposed retirement of the member. The rate of interest to be charged will be decided by the Council, but in any case will not be less than the corresponding rate of interest paid by the Bank. Accepted by Council.

No. 5. 30-6-41.

Recommendation Finance Committee No. 3(*b*) of 23-7-41. Application dated 15-7-41 from Library Duftry, Sheik Nawab Jan, for a loan of Rs.24 from the Provident Fund. Pay amount allowable under rules. Accepted by Council.

No. 7. 28-7-41.

Recommendation Finance Committee No. 3(*c*) of 23-7-41. Application dated 17-7-41 from Office Duftry, Sheik Chunna, requesting permission to join the Provident Fund of the Society. Permit. Accepted by Council.

No. 7. 28-7-41.

Recommendation Finance Committee No. 3(*b*) of 20-11-41. Grant of a loan of Rs.350 out of the Provident Fund Account to Press Clerk, as per his application dated 25-10-41. Postpone consideration till the next meeting with a proper office note on the subject. Accepted by Council.

No. 20. 26-11-41.

Recommendation Finance Committee No. 2(*a*) of 15-12-41. Grant of loan of Rs.350 out of the Provident Fund Account to Press Clerk, as per his application dated 25-10-41. Approved. Consolidate the previous and present loan, and recover at Rs.25 per month from the date of loan, bearing the usual rate of interest at 3%. Accepted by Council.

No. 8. 18-12-41.

Recommendation Finance Committee No. 3(*b*) of 15-12-41. Society's contribution to the Provident Fund for the year, 1941, Rs.657-10-6. Pay. Accepted by Council.

No. 8. 18-12-41.

PUBLICATIONS—

Recommendation Publication Committee No. 1(i) of 29-1-41. Revised estimates (500 and 1000 copies editions) for setting the Tibetan text of the paper on 'Thousand Tibetan Proverbs' by Rev. Y. Gergan and Rev. W. Asboe in small type. Accept estimate for 1000 copies. Publish as a separate number of the Journal. Accepted by Council.

No. 12. 29-1-41.

8

Letter dated 22-11-40 from Dr. E. W. Gudger, Honorary Associate, American Museum of Natural History, expressing satisfaction with the publication of his paper on the 'Alleged Pugnacity of the Swordfish and the Spearfishes as shown by their attacks on Vessels'. Record.
No. 17. 29-1-41.

Recommendation Publication Committee No. 1 of 27-2-41. Paper by Adris Banerji on 'Some Mediaeval Temples of Malwa'. Refer to Dr. Kalidas Nag and enquire if subject has been already treated elsewhere and published. Accepted by Council.
No. 8. 28-2-41.

Paper by Mr. N. C. Chatterjee on 'A Psychological Study of Arithmetical ability with reference to the students of Secondary Schools'. Accept.
No. 6. 31-3-41.

Recommendation Publication Committee No. 4 of 24-3-41. Paper by Mr. N. C. Chatterjee on 'A Psychological Study of Arithmetical ability with reference to the students of Secondary Schools'. Refer it to Council for further consideration. Accepted by Council.
No. 8. 31-3-41.

A notice dated 18-3-41 from the Superintendent, Lushai Hills, giving publicity to the publication of the Lushai Dictionary and generosity of the Society in reducing the price of the Dictionary from Rs.18 to Rs.10. Record. It was further resolved that similar action be taken regarding the Kashmiri Dictionary and other Kashmiri publications.
No. 16. 31-3-41.

Correspondence relating to Dr. Grant's paper 'Philosophy of Rural Reconstruction in China' undertaken to be published by the Society together with a copy of 'Science and Culture' for April 1941 in which it was published. Record. It was resolved that the whole question of the ownership and publication of lectures delivered, papers read, and material submitted for publication by the Society be discussed by the Publication Committee who will report to the Council with recommendations. The Council was further of opinion that it was not desirable to negotiate important matters regarding publication, etc., over the telephone.
No. 2. 28-4-41.

Recommendation Publication Committee No. 1 of 26-5-41. Paper by Dr. N. K. Bhattasali on 'The Rajavadi (Bhawal) Plate of Lakshmana Sena Deva'. Refer back to the author for modification in accordance with the suggestions of the referee. Accepted by Council.
No. 8. 30-5-41.

Correspondence to and from Dr. N. K. Bhattasali re: his paper on 'The Rajavadi (Bhawal) Plate of Lakshmana Sena Deva' together with the referee's opinion and the General Secretary's note. Publish as modified by the author according to the referee's recommendations.
No. 3. 29-8-41.

Recommendation Publication Committee No. 3 of 20-11-41. Request from Dr. D. N. Majumdar of the Lucknow University for permission to reprint his paper on 'Some Aspects of the Cultural Life of the Khasas of the cis-Himalayan Region' in a revised form in a book entitled 'Culture Contacts and Acculturation'. Resolved that permission be

granted with due acknowledgment to the Society. Accepted by Council.
No. 22. 26-11-41.

Recommendation Publication Committee No. 5 of 15-12-41. Resolved that owing to the high cost of paper, only three issues of the Journal should be printed during the year, e.g. (i) Letters, (ii) Science, and (iii) Year-Book, consisting of 600 pages altogether and 12 plates, but the number of pages for each issue is to be determined according to necessity. Author's reprints of articles are henceforth to be printed without any cover. Accepted by Council.
No. 7. 18-12-41.

REPRESENTATION—

Letter No. 306 of 24-3-41 from the Registrar, Calcutta University, requesting the Society to nominate a member on the Selection Committee for the award of the Sarojini Basu Medal for 1941. Nominate Prof. V. Vedantatirtha.
No. 12. 31-3-41.

Letter No. Met. 302 of 24-3-41 from the Registrar, Calcutta University, requesting the Society to nominate a member on the Special Committee for the Kamala Lecturer for 1941. Request Dr. Baini Prashad to continue to act as Council's nominee.
No. 13. 31-3-41.

Letter dated 20-6-41 from the Royal Asiatic Society of Great Britain and Ireland requesting the Society to nominate a candidate for election as a Corresponding Fellow of the Royal Asiatic Society of Great Britain. Send Dr. S. K. Chatterji's name as Society's nominee for election as a Corresponding Fellow of the Society.
No. 6. 29-8-41.

Letter from the Fifth Indian History Congress, Hyderabad, inviting the Society to send delegates to the Conference. Dr. S. K. Chatterji, Dr. A. M. Heron, Dr. U. N. Ghosal, Mr. G. Yazdani and Sir Jadunath Sarkar be nominated as Society's delegates to the Conference.
No. 20. 29-8-41.

Letter dated 23-8-41 from the Benares Hindu University inviting the Society to send delegates on the occasion of its Silver Jubilee celebrations on 21-1-42. Postpone consideration.
No. 1. 18-9-41.

Letter dated 11-9-41 from Sir Jadu Nath Sarkar regarding his nomination as a delegate to the next Indian History Congress. Record.
No. 4. 18-9-41.

Letter dated 14th September 1941 from Dr. A. M. Heron intimating his inability to represent the Society at the Fifth Indian History Congress. Record.
No. 16. 18-9-41.

Letter dated 14th September 1941 from Mr. G. Yazdani intimating his willingness to represent the Society at the Fifth Indian History Congress. Record.
No. 17. 18-9-41.

Letter No. 479(5)R-R. of 21-10-41 from the Additional Deputy Secretary to the Government of Bengal, together with Resolution, etc., regarding the selection of the Society's nominee on the Research and Publication Committee of the Indian Historical Records Commission. Resolved that Mr. C. W. Gurner be requested to act as the nominee of the Society on the Committee.
No. 8. 26-11-41.

Letter No. 206/T of 7-11-41 from the Honorory Secretary to the Trustees of the Indian Museum in connection with the nomination of a Trustee of the Indian Museum by the Society. Resolved that Dr. J. N. Mukherjee be requested to act as the nominee of the Society on the Board of Trustees of the Indian Museum.
No. 9. 26-11-41.

Letter dated 23-8-41 from the Benares Hindu University inviting the Society to send delegates on the occasion of its Silver Jubilee on 21-1-42. Resolved that Dr. S. P. Mookerjee be requested to act as the Society's delegate.
No. 13. 26-11-41.

Letter from Dr. U. N. Ghosal intimating his willingness to represent the Society at the forthcoming Indian History Congress at Hyderabad. Record.
No. 24. 26-11-41.

Letter dated 1-12-41 from the Honorary Secretary, Golden Jubilee Committee, Maha Bodhi Society, requesting the Society to nominate a representative to attend the Jubilee Celebration of the Maha Bodhi Society at the end of December 1941. Record.
No. 20. 18-12-41.

Letter dated 17-12-41 from the Honorary Secretary, National Institute of Sciences of India, requesting to nominate two representatives of the Society to serve as additional Vice-President and an additional Member of Council of the Institute for 1942. Mr. W. D. West and Dr. D. M. Bose be the Society's nominees as Vice-President and Member of Council respectively.
No. 27. 18-12-41.

STAFF—

Petition from the 1st Pandit, Aghor Nath Bhattacharya addressed to the President, R.A.S.B., dated 24-4-41 praying for: (1) Permission to retire from service owing to ill health and age. (2) Grant of a pension and gratuity, and (3) Appointment of his son, Babu Girija Nath Bhattacharya, by the Society. (1) Grant permission to retire, (2) Refer question of pension and gratuity to Finance Committee, and (3) Appoint his son, Babu Girija Nath Bhattacharya, now working as an apprentice in the Library, as Pandit, Sanskrit Section, on probation for six months in the junior grade on an initial salary of Rs.50.
No. 11. 28-4-41.

Petition from the Library Duftry, Sheik Nawab Jan, dated 25-4-41 praying for full pay leave from 28th March to 24th April 1941 on grounds of serious illness. (1) Grant leave available under the rules, (2) Pay gratuity covering balance of salary.
No. 12. 28-4-41.

Recommendation Finance Committee No. 3(*c*) of 23-6-41. Application from Pandit A. N. Bhattacharya, Society's Pandit, praying for a gratuity or pension on his retirement. Pay Pandit A. N. Bhattacharya six months' salary as gratuity. Accepted by Council.
No. 5. 30-6-41.

Recommendation Finance Committee No. 6 of 23-7-41. Report regarding Postage Account. The Honorary Treasurer reported on the detection of certain irregularities when he checked the Postage Account for June 1941. Resolved that the Assistant Secretary and the Despatcher be warned against such recurrences. Accepted by Council.
No. 7. 28-7-41.

Statement by the General Secretary about the three senior peons of the Society. Circulate the statement.
No. 12. 26-11-41.

Confirmation of Mr. J. C. De, as Assistant Secretary. Resolved that (1) Mr. J. C. De be not confirmed but offered six months' extension on his present salary of Rs.200 per month. (2) A Committee consisting of Dr. Kalidas Nag, Dr. M. N. Saha, Dr. J. N. Mukherjee and the *Ex-Officio* members be appointed to define the duties of the Assistant Secretary.
No. 3. 30-5-41.

Recommendation Special Committee to define duties of the Assistant Secretary. The matter was considered and it was resolved to meet again on Friday the 29th after the Council meeting.
25-8-41.

Minutes of the Special Committee to define the duties of the Assistant Secretary. Postpone consideration.
No. 10. 29-8-41.

Recommendation Special Committee to define the duties of the Assistant Secretary. Resolved that the proposals made by Prof. M. N. Saha were contrary to the statutes of the Society. The duties of the Assistant Secretary recommended by the Special Enquiry Committee are comprehensive and there is no need for any fresh departure, with the exception of No. 5 which is now performed by another member of the staff.
9-9-41.

Minutes of the Special Committee to define the duties of the Assistant Secretary. Resolved that the minutes be referred back to the Special Committee.
No. 10. 18-9-41.

Consideration of the services of the present Assistant Secretary whose period of extension expires at the end of this month. After careful consideration it was resolved that from 1st of December 1941 (1) Mr. J. C. De, Assistant Secretary be placed in charge of the Library of the Society on his present terms and designation; (2) Mr. P. O. Matthai, Librarian, be appointed as Superintendent of the Office on his own salary and that he shall perform all duties now performed by Mr. De; (3) this arrangement be on an experimental basis for six months for the

present, and does not involve any additional charge on the Society's funds.
No. 11. 26-11-41.

Special Committee to define the duties of the Assistant Secretary. In view of the decision of the Council to assign the duties of the Library to the Assistant Secretary, Mr. J. C. De, and the appointment of Mr. P. O. Matthai as Superintendent of Office for a period of six months, as an experimental basis, resolved: that the question of defining the duties of the Assistant Secretary be postponed for six months.
Special Committee. 15-12-41.

Recommendation of the Special Committee of the Council to define the duties of the Assistant Secretary dated 15-12-41. On Dr. Saha withdrawing the remarks made at the end of his note on the minutes of the Special Committee, resolved that the recommendations be accepted.
No. 9. 18-12-41.

Recommendation Finance Committee No. 10 of 20-11-41. Provisions for menials' Winter Clothing. (1) Accept the lowest tender of Messrs. Wachel Mollah & Sons, to supply 19 coats at Rs.13-9 each. (2) Resolved that an extra amount of Rs.101-3-0 be sanctioned for that purpose. Accepted by Council.
No. 20. 26-11-41.

Recommendation Finance Committee No. 3(*e*) of 15-12-41. Payment of salary to staff for December 1941, one day earlier. Pay. Accepted by Council.
No. 8. 15-12-41.

Recommendation Finance Committee No. 6 of 15-12-41. Messrs. Wachel Mollah & Co. for supplying 19 warm coats for menials, bill dated 13-12-41, Rs.257-11-0. Pay. Accepted by Council.
No. 8. 15-12-41.

Recommendation Finance Committee No. 3(*d*) of 15-12-41. Annual increment of salaries to staff. Grant increment to those members of staff whose increments are due. Accepted by Council.
No. 8. 18-12-41.

The question of confirmation of appointment of Pandit G. N. Bhattacharya, who was taken on probation for six months as Pandit of the Society with effect from 1-5-41. The matter to be referred to the Philological Secretary for opinion and to be put up in the January Council Meeting.
No. 17. 18-12-41.

Applications from Members of staff, R.A.S.B., for advance of salary. The General Secretary, in consultation with the President and the Honorary Treasurer, to decide on the necessary action to be taken.
No. 28. 18-12-41.

STEEL SHELVING—

Recommendation Finance Committee No. 3 of 23-4-41. Messrs. Bungo Steel Furniture Ld., for installation of Steel shelving bill dated 21-4-41. Rs.5,791. General Secretary and Treasurer be empowered to make payment after the whole installation has been properly checked. Accepted by Council.
No. 5. 28-4-41.

List of
Patrons,
Officers, Council Members, Members, Fellows, and Medallists
# of the
Royal Asiatic Society of Bengal,

On the 31st December, 1941

PATRONS OF THE ROYAL ASIATIC SOCIETY OF BENGAL

1936 ..	.. H.E. the Most Hon'ble Lord Victor Alexander John Hope, K.T., P.C., G.M.S.I., G.M.I.E., G.C.I.E., D.L., T.D., the Marquess of Linlithgow, Viceroy and Governor-General of India.
1939 ..	.. H.E. Sir John Arthur Herbert, G.C.I.E., Governor of Bengal.

1910–1916	.. Lord Hardinge of Penshurst, K.G., P.C., G.C.B., G.C.M.G., G.C.S.I., G.C.I.E., G.C.V.O., I.S.O.
1917–1922	.. The Most Hon'ble the Marquess of Zetland, P.C., G.C.S.I., G.C.I.E.
1922–1927	.. The Right Hon'ble the Earl of Lytton, P.C., G.C.S.I., G.C.I.E.
1926–1931	.. The Right Hon'ble the Viscount Halifax, K.G., P.C., G.C.S.I., G.C.I.E.
1927–1932	.. Colonel Sir Francis Stanley Jackson, P.C., G.C.I.E.
1931–1936	.. The Right Hon'ble the Earl of Willingdon, G.M.S.I., G.C.M.G., G.M.I.E., G.B.E.
1932–1938	.. The Right Hon'ble Sir John Anderson, P.C., G.C.B., G.C.I.E.

OFFICERS AND MEMBERS OF COUNCIL OF THE ROYAL ASIATIC SOCIETY OF BENGAL DURING THE YEAR 1941

Elections Annual Meeting

President

The Hon'ble Mr. Justice John Lort-Williams, Kt., K.C.

Vice-Presidents

Bt.-Col. R. N. Chopra, C.I.E., M.A., Sc.D., M.D., I.M.S., F.R.A.S.B., F.N.I.
C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., F.N.I.
Syamaprasad Mookerjee, Esq., M.A., B.L., D.Lit., Barrister-at-Law.
Sir S. Radhakrishnan, Kt., M.A., D.Lit., F.B.A.

Secretaries and Treasurer

General Secretary :—B. S. Guha, Esq., M.A., Ph.D., F.R.A.S.B., F.N.I.
Treasurer :—Baini Prashad, Esq., D.Sc., F.Z.S., F.R.S.E., F.R.A.S.B., F.N.I.
Philological Secretary :—S. K. Chatterji, Esq., M.A., D.Lit., F.R.A.S.B.
Joint Philological Secretary :—M. Mahfuz-ul Haq, Esq., M.A.
Natural History Secretaries { Biology :—Kalipada Biswas, Esq., M.A., D.Sc.
Physical Science :—Meghnad Saha, Esq., D.Sc., F.R.S., F.R.A.S.B., F.N.I.
Anthropological Secretary :—H. C. Chakladar, Esq., M.A.
Philosophical Secretary :—Vanamali Vedantatirtha, Esq., M.A.
Historical and Archæological Secretary :—Kalidas Nag, Esq., M.A., D.Lit.
Medical Secretary :—Major C. L. Pasricha, M.A., M.B., B.Ch., M.R.C.S., I.M.S., F.N.I.
Library Secretary :—J. N. Mukherjee, Esq., D.Sc., F.C.S., F.R.A.S.B., F.N.I.

Other Members of Council

S. C. Law, Esq., M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.
M. Z. Siddiqi, Esq., M.A., Ph.D.
C. W. Gurner, Esq., C.S.I., I.C.S.
The Hon'ble Mr. Justice N. G. A. Edgley, M.A., Barrister-at-Law, J.P.

APPOINTMENTS, TRANSFERS, AND OTHER CHANGES DURING THE YEAR.

Sir S. Radhakrishnan, absent from 1st July and resigned on 4-8-41.
Major Pasricha, absent from 15th March to end of the year.
Sir John Lort-Williams, absent from August to October and Col. Sir R. N. Chopra officiated for him.
Dr. Prashad, absent for 10 days in February and Major Pasricha officiated for him; again for 10 days in May and 2 weeks in November and Dr. Guha officiated for him.
Dr. Guha, absent during October and Dr. Nag officiated for him.
Col. Sir R. N. Chopra, absent from November to end of the year.

OFFICERS AND MEMBERS OF COUNCIL OF THE ROYAL ASIATIC SOCIETY OF BENGAL ELECTED FOR THE YEAR 1942

President

C. S. Fox, Esq., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., F.N.I.

Vice-Presidents

Sir John Lort-Williams, Kt., K.C.
The Hon'ble Dr. Syamaprasad Mookerjee, M.A., B.L., D.Lit., Barrister-at-Law.
S. K. Chatterji, Esq., M.A., D.Lit., F.R.A.S.B.
Meghnad Saha, Esq., D.Sc., F.R.S., F.R.A.S.B., F.N.I.

Secretaries and Treasurer

General Secretary :—B. S. Guha, Esq., M.A., Ph.D. F.R.A.S.B., F.N.I.
Treasurer :—C. W. Gurner, Esq., C.S.I., I.C.S.
Philological Secretary :— Nalinaksha Dutt, Esq., M.A., Ph.D., D.Litt.
Joint Philological Secretary :—M. Mahfuz-ul Haq, Esq., M.A.
Natural History Secretaries { Biology :—Kalipada Biswas, Esq., M.A., D.Sc., F.R.S.E.
Natural History Secretaries { Physical Science :—K. N. Bagchi, Esq., B.Sc., M.B., F.I.C., D.T.M., F.N.I.
Anthropological Secretary :—H. C. Chakladar, Esq., M.A.
Philosophical Secretary :—Vanamali Vedantatirtha, Esq., M.A.
Historical and Archæological Secretary :—Kalidas Nag, Esq., M.A., D.Lit.
Medical Secretary :—J. B. Grant, Esq., M.D., M.P.H., F.A.P.H.A.
Library Secretary :—Sunder Lal Hora, Esq., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B.

Other Members of Council

S. C. Law, Esq., M.A., B.L., Ph.D., F.Z.S., M.B.O.U., F.N.I.
M. Z. Siddiqi, Esq., M.A., Ph.D.
The Hon'ble Mr. Justice N. G. A. Edgley, M.A., Barrister-at-Law, J.P.
L. R. Fawcus, Esq., C.I.E., I.C.S.

ORDINARY MEMBERS

R = Resident. N = Non-Resident. F = Foreign. A = Absent. L = Life.

An Asterisk is prefixed to names of Ordinary Fellows of the Society.

Date of Election		
5-4-22	R	**Abdul Ali,** ABUL FAIZ MUHAMMAD, M.A., M.R.A.S., F.R.S.L., F.R.G.S., F.R.H.S. 3, Nawab Abdur Rahman Street, Calcutta.
7-3-27	N	**Abdul Kadir,** A. F. M., M.A. (ALLAHABAD), MAULVIE FAZIL (PUNJAB), MADRASSAH FINAL (CALCUTTA), *Professor, Rajshahi College.* Rajshahi.
2-11-25	N	**Acharya,** PARAMANANDA, B.SC., *State Archæologist.* Mayurbhanj State, P.O. Baripada.
2-3-21	R	**Agharkar,** SHANKAR PURUSHOTTAM, M.A., PH.D., F.L.S., F.N.I., *Sir Rash Behari Ghose Professor of Botany, Calcutta University.* 35, Ballygunge Circular Road, Calcutta.
3-2-36	N	**Ahmad,** ALFAZUDDIN, KHAN BAHADUR, *Offg. Assistant Director of Public Instruction for Muhammedan Education, Bengal (retd.).* Dhalhora, Tamluk, Midnapur.
1-1-34	N	**Ahmad,** MIAN JAMAL-UD-DIN, B.A., B.T., *Member Bureau of Education, Afghanistan.* 2, Andrabi, Kabul, Afghanistan.
6-6-17	N	**Aiyangar,** K. V. RANGASWAMI, RAO BAHADUR, M.A., *Director of Public Instruction, Travancore (retd.).* Vasumati Vilas, Rangachari Road, Mylapore, Madras.
6-12-26	N	***Aiyangar,** S. KRISHNASWAMI, M.A., PH.D., M.R.A.S., F.R.HIST.S., F.R.A.S.B., *Rajasevasakta, Professor, University of Madras.* 'Sripadam', 143, Brodies Road, Mylapore, Madras, S.
1-12-20	N	**Akbar Khan,** THE HON'BLE MAJOR NAWAB SIR MOHAMMED, K.B.E., C.I.E., *Khan of Hoti.* Hoti, N.-W.F.P.
5-6-39	R	**Ali,** S. SHAMSER, *Insurance Underwriter.* 3, Bright Street, Ballygunge, Calcutta.
4-4-38	R	**Anderson,** J. 15, Park Street, Calcutta.
3-7-12	F	**Andrews,** EGBERT ARTHUR, B.A. c/o The Royal Empire Society, Northumberland Avenue, London, W.C.
6-5-40	R	**Asadullah,** KHALIFA MOHAMMAD, KHAN BAHADUR, *General Central Service Class I, Librarian, Imperial Library,* 34, Chittaranjan Avenue, Calcutta.
3-3-30	L	**Ashton,** HUBERT SHORROCK, *Merchant.* Trueloves, Ingatestone, Essex, England.
3-9-34	R	**Auden,** JOHN BICKNELL, M.A. (CANTAB.), F.G.S., F.N.I., *Assistant Superintendent, Geological Survey of India.* 27, Chowringhee, Calcutta.
3-11-30	R	**Austin,** GEORGE JOHN, *Sanitary Engineer, Messrs. J. B. Norton & Sons, Ltd.* Norton Building, Lalbazar, Calcutta.
4-4-17	N	**Awati,** P. R., B.A. (CANTAB.), D.I.C., F.N.I., I.E.S., *Professor of Zoology, Royal Institute of Science.* Mayo Road, Fort, Bombay.
1-5-39	A	**Ayrton,** SHAVUX MUNCHERSHAW, *Assistant, Messrs. Shaw Wallace & Co.,* Madon Mansions, 275–C, Bow Bazar Street, Calcutta.

Date of Election.		
3-3-14	L	***Bacot**, J., F.R.A.S.B. Boulevard Saint-Antoine, 61, Versailles Seine-et-Oise, France.
7-9-36	R	**Bagchi**, K. N., Rai Bahadur, B.SC., M.B. (Cal.), F.I.C. (Lond.), D.T.M. (Cal. & L'pool), *Chemical Examiner to the Government of Bengal.* Medical College, Calcutta.
1-11-26	R	**Bagchi**, Probodh Chandra, M.A., DR.-ES-LETTRES (Paris), *Member of the A.S. of Paris; Lecturer, Calcutta University.* 9, Rustomjee Street, Ballygunge, Calcutta.
1-3-26	R	**Bagnall**, John Frederick, B.SC., A.M.I.MECH.E., A.M.I.E.E., A.M.INST.C.E., *Consulting Engineer, Messrs. Macneill & Co.* 2, Fairlie Place, Calcutta.
2-4-24	N	***Bahl**, K. N., D.SC., D.PHIL., F.N.I., F.R.A.S.B., *Professor of Zoology, Lucknow University.* Badshabagh, Lucknow.
7-4-41	R	**Baker**, Ernest Brain Hindley, I.C.S., *Addl. Secretary to H.E. the Governor of Bengal.* 6, Wellesley Place, Calcutta.
1-8-38	R	**Banerjee**, J. N., M.A., *Lecturer, Calcutta University.* 28, Manoharpukur Road, Calcutta.
6-2-18	N	**Banerjee**, Narendra Nath, C.E., A.M.I.E., *Chief Engineer, Posts & Telegraphs,* Simla. (38/1, Gariahat Road, Ballygunge, Calcutta).
7-12-36	R	**Banerjee**, S., I.C.S. Magistrate's House, Mymensingh.
1-9-41	N	**Banerji**, Sures Chandra, M.A., *Zemindar.* 45, Laksmi Bazar, Dacca.
3-12-23	R	**Barwell**, N. F., M.C., M.A., LT.-COL. (RETD.), *Barrister-at-Law.* 6, Middleton Street, Calcutta (*and*) Aylmerton House, Avlmerton, Norfolk, England.
2-10-39	N	**Bastin**, Reginald Walter, I.C.S., *Settlement Officer,* Mymensingh, E.B.Rly.
7-12-36	R	**Basu**, Indubhusan, M.D. (Cal.), *Medical Practitioner, Associate Professor of Medicine and Visiting Physician, Carmichael Medical College.* 19, Vivekananda Road, Calcutta.
6-2-39	R	**Basu**, Jnanendra Nath, Vidyalankar, *Member, Benares Hindu University Court, Fellow, Theosophical Society, Landholder, Director, Messrs. Thacker Spink & Co.* 9, Park Lane, Calcutta.
3-12-24	R	**Basu**, Jatindra Nath, M.A., M.L.C., *Solicitor.* 14, Baloram Ghose Street, Calcutta.
5-2-40	N	**Basu**, Mriganka Mauli, *Member of the Indian Civil Service, S.D.O.,* Contai, Midnapur.
1-3-26	R	**Basu**, Narendra Kumar, M.L.C., *Advocate, High Court.* 12, Ashu Biswas Road, Bhawanipore, Calcutta.
2-10-39	N	**Basu-Mazoomder**, Wooshacur, B.L., M.R.A.S., F.R.S.A. (Lond.), *Bengal Civil Service (Judicial), Munsif.* Barisal, Dist. Bakharganj.
7-7-09	N	**Bazaz**, Rangnath Khemraj, *Proprietor, Shri Venkateshwar Press.* 7th Khetwadi, Bombay No. 4.
4-3-40	N	**Bell**, Frank Owen, *Indian Civil Service,* S.O., Dinajpur.
7-5-34	R	**Bent**, William Antony, *Assistant, Messrs. George Henderson & Co., Ld.* 101/1, Clive Street, Calcutta.
4-3-25	N	**Benthall**, The Hon'ble Sir Edward C., KT. New Delhi.
7-4-09	L	***Bentley**, Charles A., C.I.E., M.B., D.P.H., D.T.M. & H., F.R.A.S.B., *Professor of Hygiene.* University of Egypt, Cairo
8-1-36	N	**Berkeley-Hill**, Owen, A.R., M.A., M.D., B.CH. (Oxon), M.R.C.S. (England), D.T.M. (Lond.), LT.-COL., I.M.S. (RETD.). Station View, Ranchi.

Date of Election.		
4-6-28	N	**Bhadra,** Satyendra Nath, Rai Bahadur, M.A., *Principal, Jagannath Intermediate College.* Nayabazar, Dacca.
1-8-17	R	***Bhandarkar,** Devadatta Ramkrishna, M.A., PH.D., F.R.A.S.B. 2/1, Lovelock Street, Ballygunge, Calcutta.
6-5-40	N	**Bharucha,** Farrokh E., *Merchant,* Canada Building, Hornby Road, Bombay.
7-7-24	L	**Bhattacharyya,** Binoytosh, M.A., PH.D., *Rajaratna, General Editor, Gaekwad's Oriental Series, and Librarian, Oriental Collections, Baroda State.* Baroda.
6-9-37	N	**Bhattacharya,** N. C., *Vice-Chairman, Birnagar Municipality.* Birnagar, Nadia.
4-6-28	N	**Bhattasali,** Nalini Kanta, M.A., PH.D., *Curator, Dacca Museum.* Ramna, Dacca.
5-3-28	R	**Biswas,** The Hon'ble Mr. Justice Charu Chandra, C.I.E., M.A., B.L., *Judge, High Court.* 58, Puddopukur Road, P.O. Elgin Road, Calcutta.
1-8-23	L	**Biswas,** Kalipada, M.A., D.SC. (Edin.), F.R.S.E., *Superintendent. Royal Botanic Garden.* Botanic Garden P.O., Howrah.
3-1-27	A	**Bivar,** Hugh Godfrey Stuart, I.C.S., *District and Sessions Judge.* Faridpur.
4-11-35	N	**Bor,** N. L., M.A., D.SC., I.F.S. c/o Conservator of Forests, Shillong, Assam.
6-7-25	R	**Bose,** Manmatha Mohan, M.A., *Professor Emeritus, Scottish Church College.* 19, Gokul Mitra Lane, Hatkhola, Calcutta.
7-12-36	N	**Bose,** Ambuj Nath, M.B.E., M.D. (Lausanne), F.R.C.P. (Edin. & Lond.), LT.-COL., I.M.S. Medical College, Patna.
4-12-39	R	**Bose,** Debendra Mohan, M.A., PH.D., F.N.I., *Director, Bose Research Institute,* 93, Upper Circular Road, Calcutta.
7-8-39	R	**Bose,** Girindrashekhar, M.B., D.SC., F.N.I., *Professor of Psychology and Head of Department of Psychology, Calcutta University.* 14, Parsi Bagan Lane, P.O. Amherst Street, Calcutta.
2-3-31	N	**Bose,** Sudhansu Kumar, B.SC. (Cal.), A.R.S.M., B.SC. (MINING) (London), *Professor of Mining and Surveying.* Indian School of Mines, Dhanbad.
2-1-39	R	**Bose,** Sudhansu Mohan, M.A., LL.B. (Cantab.), *Barrister-at-Law, Member, Public Service Commission, Bengal.* 3, Federation Street, P.O. Amherst Street, Calcutta.
2-11-36	N	**Bothra,** Subhkaran Singh, *Landholder and Student.* Kundigar Bhairon, Jaipur City.
4-5-31	R	**Bottomley,** John Mellor, B.A. (Oxon), I.E.S., *Director of Public Instruction, Bengal.* 1, Sunny Park, Ballygunge, Calcutta.
5-12-32	A	**Boyle,** Cecil Alexander, MAJOR, D.S.O., *Adviser in Languages and Secretary to the Board of Examiners.* Army Headquarters, Simla.
3-12-34	R	**Brahmachari,** Phanindra Nath, M.SC., M.B. 19, Loudon Street, Calcutta.
1-1-08	L	***Brahmachari,** Sir Upendra Nath, KT., Rai Bahadur M.A., PH.D., M.D., F.S.M.F., F.N.I., F.R.A.S.B. 19, Loudon Street, Calcutta.
7-11-27	N	**Brahmachary,** Sarat Chandra, Rai Bahadur, M.A., B.T. Kasba Road, Ballygunge, P.O. Dhakuria, 24-Pergs.

Date of Election.		
6-1-36	A	**Brocke,** A. G., D.SC. (Doctor Philosophiæ Naturalis) (Jena), *Branch Manager, Pharmaceutical Department, 'Bayer'.* 52/4/1, Ballygunge Circular Road, Calcutta.
3-7-07	L	***Brown,** John Coggin, O.B.E., D.SC., F.G.S., M.I.M.E., M.INST.M.M., M.I.E., F.R.A.S.B. c/o Messrs. Grindlay & Co., 54, Parliament Street, Westminster, London, S.W.1.
6-10-09	R	***Brown,** Percy, M.B.E., A.R.C.A., F.R.A.S.B., *Secretary and Curator, Victoria Memorial.* Calcutta.
4-3-40	R	**Bruce,** Alexander Edwin Robert, B.A., A.C.P., M.R.S.T., F.R.G.S., A.R.I.P.H.H., M.R.A.S., Capt. 12, Russell Street, Calcutta.
8-1-96	F	***Burn,** Sir Richard, KT., C.S.I., F.R.A.S.B. 9, Staverton Road, Oxford, England.
3-12-34	F	**Burt,** Sir Bryce Chudleigh, KT., C.I.E., M.B.E., B.SC., I.A.S., F.N.I. Bryn Dene, Allanson Road, Rhos-on-Sea, Colwyn Bay, N. Wales.
4-12-39	R	**Cameron,** Rev. Allan, M.A., B.D., *Principal, Scottish Church College.* 3 and 4, Cornwallis Street, Calcutta.
4-7-38	A	**Carstairs,** Andrew McLaren, M.A., *Bengal Chamber of Commerce.* Royal Exchange Buildings, 2, Clive Street, Calcutta.
3-2-36	F	**Catto** of Cairncatto, The Right Hon'ble Lord, Bart. 'Woodlands', Clamp Hill, Stanmore, Middlesex, England.
1-9-20	R	**Chakladar,** Haran Chandra, M.A. 28/4/2, Srimohan Lane, Kalighat, Calcutta.
7-3-32	R	**Chuckerbutty,** Khirode Behari, *Engineer and Manufacturer.* 7, Hindusthan Park, P.O. Ballygunge, Calcutta.
4-7-27	L	**Chakravarti,** Chintaharan, M.A., Kāvyatīrtha, *Professor.* Krishnagar College, Krishnagar.
3-2-30	N	**Chakravarti,** M. N., M.SC., *A.T.S.* 'Gitanjali'. 37, Mayo Garden, Lahore.
3-1-27	N	**Chakravarti,** Niranjanprasad, M.A., PH.D. (Cantab.), *Government Epigraphist.* Office of the Government Epigraphist, Ootacamund, Nilgiris, S. India.
7-2-38	R	**Chakravarti,** P. K., M.A., B.L., *Advocate, High Court.* 6, Basanta Bose Road, Bhawanipore, Calcutta.
6-2-39	N	**Chakravarti,** Rash Mohan, PH.B., Puranratna, Vidyavinode, *Superintendent, Rammala Chhatravas.* Comilla, Bengal.
1-9-20	R	***Chanda,** Ramaprasad, Rai Bahadur, B.A., F.R.A.S.B. 37/1, Manoharpukur Road, Kalighat, Calcutta.
3-1-06	L	**Chapman,** John Alexander. 32, Lavington Road, West Ealing, London, W.3.
7-5-28	R	**Chatterjea,** Sir Nalini Ranjan, KT., M.A., B.L., *Retired Judge and sometime acting Chief Justice, Bengal.* 91A, Harish Mukherjee Road, Bhawanipore, Calcutta.
7-2-27	N	**Chatterjee,** Ashoke, B.A. (Cal.), B.A. (Cantab.), *Labour Welfare Office.* Burnpur, Via Asansol.
1-7-40	R	**Chatterjee,** A. B., M.A., *General Manager, Metropolitan Printing & Publishing House Ltd.*, 4-B, Council House Street, Calcutta.
27-10-15	F	**Chatterjee,** Sir Atul Chandra, K.C.I.E., K.C.S.I., *Late High Commissioner for India.* Withdean, Cavendish Road, Weybridge, Surrey, England.

Date of Election.		
2-3-36	R	**Chatterjee,** MANOMOHAN, B.SC. (CAL.), PH.D. (LOND.), A.R.C.S., D.I.C., *Professor of Geology, Presidency College.* 170/2, Lower Circular Road, Calcutta.
1-10-20	R	**Chatterjee,** NIRMAL CHANDRA, *Barrister-at-Law.* 5, Theatre Road, Calcutta.
4-7-27	R	**Chatterjee,** PATITPABON, M.A., B.L., *Vakil, High Court.* 84, Harrison Road, Calcutta.
3-12-34	N	**Chatterjee,** SISIR CHANDRA, M.D. (EDIN.), M.R.C.P. (EDIN.), D.P.H. (EDIN.), *Chief Medical & Health Officer.* Headquarters Offices, N.W. Ry., Lahore.
2-9-40	N	**Chatterji,** BANKIM CHANDRA, M.SC., (GOLD MEDALLIST), *Member of the Calcutta Mathematical Society, Research Scholar, Calcutta University.* P.O. Raghdi, Faridpur.
4-6-34	N	**Chatterji,** BIJAN RAJ, PH.D. (LONDON), D.LITT. (PUNJAB), *Professor of History, Meerut College.* Meerut.
5-1-31	N	**Chatterji,** DURGACHARAN, M.A., *Lecturer in Sanskrit.* Krishnagar College, Krishnagar.
7-6-11	R	**Chatterji,** KARUNA KUMAR, LT.-COL., I.T.F., M.C., V.H.A.S. 15, Camac Street, Calcutta.
7-5-28	R	**Chatterji,** KEDAR NATH, B.SC. (LONDON), A.E.C.S. (LONDON). c/o '*Probasi*' office, 120/2, Upper Circular Road, Calcutta.
6-8-24	R	***Chatterji,** SUNITI KUMAR, M.A. (CAL.), D.LITT. (LONDON), F.R.A.S.B. *Khaira Professor of Linguistics, Calcutta University.* 'Sudharma', 16, Hindusthan Park, (off Rashbihari Avenue East End), Ballygunge, Calcutta.
2-3-36	N	**Chatterji,** MRS. TUHINIKA, M.A., KAVYATIRTHA, *Research Scholar, Examiner, Calcutta University.* 5, Wood Street, Calcutta.
5-11-24	R	**Chattopadhyay,** K. P., M.SC., *Professor and Head of the Department of Anthropology, Calcutta University.* 2, Palm Place, Ballygunge, Calcutta.
2-11-25	N	**Chattopadhyaya,** KSHETRESA CHANDRA, M.A., *Lecturer in Sanskrit.* Allahabad University, Allahabad.
4-4-38	R	**Chaudhuri,** MRS. ROMA, M.A., D.PHIL. (OXON). 3, Federation Street, Calcutta.
4-11-35	R	**Chaudhuri,** S. N. 52, Ballygunge Circular Road, Calcutta.
5-12-23	L	**Chopra,** B. N., D.SC., F.N.I., F.L.S., *Assistant Superintendent, Zoological Survey of India.* Kaiser Castle, Benares.
1-2-22	R	***Chopra,** SIR R. N., KT., C.I.E., M.A., SC.D., M.D. (CANTAB.), F.R.C.P., F.N.I., F.R.A.S.B., BREVET-COL., I.M.S., *Director-General of Medical Services, Jammu and Kashmir State.* Srinagar, Kashmir.
5-12-27	L	**Chowdhury,** SIR CHHAJURAM, KT., C.I.E., M.L.C. 21, Belvedere Road, Calcutta.
2-4-28	R	**Chowdhury,** RAI JATINDRANATH, *Zemindar.* 36, Russa Road, Tollygunge, Calcutta.
3-7-07	L	***Christie,** WILLIAM ALEXANDER, KYNOCH, B.SC., PH.D., M.INST.M.M., F.R.A.S.B. Secretariat, Principal Supply Officers' Committee (India), Defence Department, Simla.
2-2-31	R	**Clough,** JOHN, *Barrister-at-Law.* 17, Store Road, Ballygunge, Calcutta.
5-5-30	F	**Cooper,** G. A. P. 29, Eccleston Street, Eaton Square, London, S.W. 1.
4-11-29	L	***Cotter,** GERALD DE PURCELL, B.A., SC.D. (DUBLIN), M.INST.M.M., F.G.S., F.R.A.S.B. 'Fallowfield', Manor Road, Penn., Bucks., England.

Date of Election.		
4-3-40	A	**Crawford**, C. E. J., B.A., B.SC., *Imperial Chemical Industries (India) Ltd.*, 18, Strand Road, Calcutta.
6-3-39	N	**Culshaw**, Rev. Wesley James, *Methodist Minister.* P.O. Sarenga, Dist. Bankura.
7-3-32	R	**Darbari**, M. D., *Incorporated Accountant, S. B. Billimoria & Co., Ld.* 100, Clive Street, Calcutta.
4-3-25	R	**Das**, Ajit Nath, Rai Bahadur, M.R.A.S., F.Z.S., *Zemindar.* 24, South Road, Entally, Calcutta.
5-12-39	R	**Das-Gupta**, C. C., M.A., 3, Alipore Park Avenue, Alipore, Calcutta.
1-3-26	R	**Datta**, Hirendra Nath, M.A., B.L., *Solicitor, High Court.* 139, Cornwallis Street, Calcutta.
6-8-24	L	**Davies**, L. M., LT.-COL., M.A., F.R.S.E., F.R.A.I., F.G.S. 8, Garscube Terrace, Murrayfield, Edinburgh, 12, Scotland.
4-3-29	R	**De**, J. C., M.B., LT.-COL., I.M.S. 5, Loudon Street, Upper Flat, Calcutta.
3-6-40	R	**De**, Jatis Chandra, M.A., B.L. (Cal.), M.A. (Lond.), 11, Ray Street, Elgin Road, Calcutta.
19-9-95	L	**De**, Kiran Chandra, C.I.E., B.A., I.C.S. (RETD.), 2, Gokhale Road, Calcutta.
5-12-27	L	**Dechhen**, H.H. Maharani Kunzang, *Maharani of Sikkim.* Gangtok, Sikkim.
5-5-30	N	**Deo**, Sir Pratap Chandra Bhanj, K.C.I.E., *Maharajah, Ruler of Mayurbhanj State.* P.O. Baripada, Mayurbhanj, B.N.R.
4-5-10	L	**Dhavle**, Hon'ble Mr. Justice Shankar Balaji, B.A., I.C.S., *Judge, Patna High Court.* Patna.
4-8-20	N	***Dikshit**, Kashinath Narayan, M.A., F.R.A.S.B. Director-General of Archæology, New Delhi.
5-1-98	R	**Dods**, William Kane, *Agent Hongkong and Shanghai Banking Corporation.* 6, Minto Park, Alipur, Calcutta.
2-7-02	L	**Doxey**, Frederick. 'Ballygunge', Cooden Drive, Bexhill-on-Sea, Sussex, England.
7-11-32	R	**Driver**, Darab Cursetji, M.A. (Cantab.), *Barrister-at-Law, Constituted Attorney to Messrs. Tata & Sons, Ld., Managing Agents for The Tata Iron & Steel Co., Ld.* Flat No. 1, 2A, Lord Sinha Road, Calcutta.
6-6-38	N	**Dudhoria**, Naba Kumar Sing, *Zemindar and Banker.* Azimganj, Dt. Murshidabad.
6-9-37	A	**Durniz-Podewils**, Count, *Consul-General for Germany.* 34, Park Street, Calcutta.
2-1-33	N	**Dutch**, Robert Austen, B.A. (Cantab.), I.C.S., *District Judge.* Alipore, Calcutta.
30-9-35	R	**Dutt**, Mohendra Nath, L.E., *Consulting Engineer.* 12, Kailas Bose Lane, Howrah.
5-12-32	R	**Dutt**, Nalinaksha, M.A., B.L., PH.D., D.LITT. (Lond.), *Lecturer, Post-graduate Department of Pali and Ancient Indian History and Culture, Calcutta University.* 39, Badur Bagan Row, P.O. Amherst Street, Calcutta.
1-7-40	R	**Dutt**, Sudhir Chunder, Capt., M.B., A.I.R.O., *Ophthalmic Surgeon, Mayo Hospital.* 214, Lower Circular Road, Calcutta.
2-12-40	R	**Edgley**, The Hon'ble Mr. Justice Norman George Armstrong, M.A. (Oxon.), *Barrister-at-Law,* I.C.S., *Judge, Calcutta High Court.* 9/1, Middleton Street, Calcutta.

Date of Election		
1-11-38	N	**Eekhout,** Jhr. P.J., *Vice-Consul for Netherlands.* Clarke's Hotel, Simla.
5-1-31	L	**Evans,** Percy, B.A. (Cantab.), F.G.S., *Geologist.* c/o The Burma Oil Co., Digboi, Assam.
1-12-41	N	**Ewart,** Douglas J., *Missionary of Presbyterian Church of Scotland.* Westminster Hostel, Rajshahi, Bengal.
6-2-28	L	**Ezra,** Sir David, KT., F.Z.S., M.B.O.U. 3, Kyd Street, Calcutta.
2-5-38	R	**Faroqui,** Nawab Sir K. G. M., KT., *of Ratanpur.* 20/1, Store Road, Calcutta.
2-12-29	R	**Fawcus,** Louis Reginald, C.I.E., B.A. (Cantab.), *Indian Civil Service.* United Service Club, Calcutta.
3-8-04	L	***Fermor,** Sir Lewis Leigh, KT., O.B.E., M.INST.M.M., D.SC., A.R.S.M., F.G.S., F.R.S., F.N.I., F.R.A.S.B., *Director, Geological Survey of India (retd.).* c/o Messrs. Lloyds Bank, Ld., 6, Pall Mall, London.
4-1-26	F	**Fleming,** Andrew. *Rand Club,* Johannesburg.
4-3-40	R	**Foster,** Albert Ridgeley, B.SC., A.I.C., *Agricultural Chemist and Agricultural Expert, c/o Imperial Chemical Industries (India) Ltd.,* 18, Strand Road, Calcutta.
5-11-13	L	***Fox,** Cyril S., D.SC. (Birm.), M.I.M.E., F.G.S., F.N.I., F.R.A.S.B. *Director,* Geological Survey of India, 27, Chowringhee, Calcutta.
5-11-28	R	**Galstaun,** John Carapiet, O.B.E., *Merchant and Landholder.* 234/4, Lower Circular Road, Calcutta.
1-11-26	R	**Galstaun,** Shanazan, G., M.A., D.M.R.E., M.R.C.S., L.R.C.P., *Medical Practitioner, Radiologist, Medical College Hospital.* 34, Chowringhee Road, Calcutta.
6-10-09	R	***Gangoly,** Ordhendra Coomar, B.A., F.R.A.S.B. 2, Asutosh Mukherjee Road, Calcutta.
5-11-34	R	**Gee,** Edward Rowland, M.A. (Cantab.), F.N.I., F.G.S., *Assistant Superintendent, Geological Survey of India.* 27, Chowringhee, Calcutta.
2-1-33	N	**George,** James, B.A. (Cantab.), I.C.S., *Joint Magistrate and Dy. Collector.* Dacca.
5-2-40	N	**Ghatak,** Indu Bhushan, B.A. (Cal.), C.T.E. (Dac.), Med. (Amb.), Dip. Lbr. (B.L.A.), *Examiner, Patna University, Lecturer, St. John Ambulance Association, Ex-member, Subordinate Educational Service, C.P., Associate, Red Cross Society, Headmaster, Raj High School.* Garh Banaili P.O., Purnea.
6-2-33	L	**Ghatak,** Jyotish Chandra, M.A. (Triple), Sahitya Saraswati, Jyotish-Sagara, *Professor, Calcutta University.* 4, Boloram Bose Ghat Road, Bhawanipore, Calcutta.
7-5-28	R	***Ghosal,** Upendra Nath, M.A., PH.D., F.R.A.S.B., *Professor of History, Presidency College.* 35, Badur Bagan Row, Calcutta.
5-4-26	R	**Ghose,** Bimal Chandra, *Barrister-at-Law.* 27/1, Harish Mukherjee Road, Calcutta.
7-1-29	A	**Ghose,** Mohim Chandra, B.A. (Cal.), M.A. (Cantab.), I.C.S., *Barrister-at-Law (Inner Temple), Retd. Judge, Calcutta High Court.* 4A, Little Russell Street, Calcutta.
3-12-24	R	**Ghose,** Sushil Chandra, B.A., *Deputy Magistrate.* 1, Sikdarbagan Street, Calcutta.

Date of Election.		
7-9-36	R	**Ghosh,** J., M.A. (CAL.), PH.D. (EDIN.), F.N.I., *Professor of Mathematics, Presidency College.* 9, Satyen Dutta Road, Calcutta.
4-9-39	N	**Ghosh,** J. C., D.SC., F.N.I., *Director, Indian Institute of Science.* Hebbal, Bangalore.
2-4-24	R	**Ghosh,** K., D.T.M., D.P.H. (CANTAB.), L.M.S., *Medical Practitioner.* 45, Creek Row, Calcutta.
7-3-27	R	**Ghosh,** PHANINDRA NATH, M.A., PH.D., SC.D. (PADUA), F.INST.P., *Sir Rashbehary Ghosh Professor of Applied Physics, University of Calcutta.* 92, Upper Circular Road, Calcutta.
2-9-40	R	**Ghosh,** PRASHANTA KUMAR, *Visiting Physician, Carmichael Medical College Hospital, Belgachia, Calcutta.* P.7/1, Chittaranjan Avenue, P.O. Beadon Street, Calcutta.
1-7-40	R	**Ghosh,** RATNESWAR, *Merchant and Manufacturer.* 12/2, Circular Garden Reach Road, Kidderpore, Calcutta.
1-2-26	R	**Ghuznavi,** SIR ABDUL HALIM, KT., M.L.A., *Zemindar.* 18, Canal Street, Entally, Calcutta.
6-8-28	R	**Ghuznavi,** ISKANDER S. K., *Zemindar.* 21, Syed Ameer Ali Avenue, Circus P.O., Calcutta (*and*) Dilduar, Mymensingh.
7-12-36	R	**Gillespie,** ANDREW DOLLAR, *Chemist and Senior Partner, Messrs. Bathgate & Co.* 17, Old Court House Street, Calcutta.
5-3-28	R	**Gooptu,** DWIJENDRA NATH, *Medical Practitioner and Landholder.* 5, Middleton Street, Calcutta.
1-12-41	R	**Grant,** JOHN B., M.D., M.P.H., F.A.P.H.A., *Director, All-India Institute of Hygiene and Public Health.* 110, Chittaranjan Avenue, Calcutta.
7-9-10	N	***Gravely,** FREDERIC HENRY, D.SC., F.N.I., F.R.A.S.B. Museum House, Egmore, Madras.
6-5-40	R	**Griffiths,** WALTER GERALDSON, B.SC. (CALIF.), B.D. (DREW), M.A. (NEW YORK), PH.D. (DREW), *Missionary.* 13, Wellington Square, Calcutta.
4-2-25	L	***Guha,** B. S., M.A., PH.D. (HARVARD), F.N.I., F.R.A.S.B. Indian Museum, Calcutta.
5-3-19	N	**Gupta,** SIVAPRASAD. Seva Upavana, Benares City.
5-8-15	R	**Gurner,** CYRIL WALTER, B.A. (OXON), C.S.I., I.C.S., *Chairman, Improvement Trust.* 5, Clive Street, Calcutta.
5-2-34	R	**Haldar,** BHARATI VIKAS, M.A., B.L., *Advocate, High Court.* 47, Haldarpara Road, Kalighat, Calcutta.
6-1-30	N	**Haldar,** SUDHINDRA KUMAR, M.A., I.C.S., *Commissioner, Burdwan Division.* Chinsurah.
6-9-37	N	**Halim,** ABDUL, DR., M.A., *Lecturer in History, Muslim University.* M. U. Fida Manzil, Aligarh.
2-4-24	R	**Haq,** M. MAHFUZ-UL, M.A., *Professor, Presidency College.* 87, Park Street, Park Circus, Calcutta.
1-2-26	F	**Harris,** H. G. Gunnespory Avenue, Ealing, London.
4-3-40	N	**Harshé,** RAMKRISHNA GANESH, B.A. (TILAK), D.LIT. (PARIS), *Registrar, Deccan College Post-Graduate and Research Institute,* Poona.
4-3-40	N	**Haryana,** RAM ADHAR, B.A., *Dy. Jailor* (U.P. Jails), *District Jail, Etah,* (U.P.).
7-8-39	A	**Helland,** BERNHARD ALVIN, M.A. (MINNESOTA), B.D. (AUGSBURG SEMINARY, U.S.A.), *Missionary, Principal, Kaerabani Boys' Middle English and Guru Training School,* Kaerâbani, via Dumka, Santal Parganas.

Date of Election.		
6-8-28	N	***Heron**, A. M., D.SC. (EDIN.), F.G.S., F.R.G.S., F.N.I., F.R.S.E., *Late Director, Geological Survey of India.* Mines and Geology Office, Hyderabad, Deccan.
4-11-35	R	**Hirtzel**, MICHAEL ARTHUR FREDERICK, B.A. (TRINITY COLLEGE, OXFORD), *Mercantile Assistant, Macneill & Co.* 2, Fairlie Place, Calcutta.
1-4-25	R	**Hobbs**, HENRY, MAJOR, V.D. 9, Old Court House Street, Calcutta.
2-12-40	R	**Hodgson**, LIONEL LEONARD, *Secretary and Treasurer, British and Foreign Bible Society (Calcutta Aux.).* Bible House, 23, Chowringhee Road, Calcutta.
7-3-27	A	**Hopkinson**, ARTHUR JOHN, I.C.S., *Secretary to the Government, N.-W.F. Province.* Peshawar, N.-W.F.P.
2-11-21	L	***Hora**, SUNDER LAL, RAI BAHADUR, D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B. *Director of Fisheries, Bengal.* 1, Deodar Street, Ballygunge, Calcutta.
6-6-23	L	***Howard**, SIR ALBERT, KT., C.I.E., M.A., F.R.A.S.B., *Late Director, Institute of Plant Industry, Indore,* and *Late Agricultural Adviser to States in Central India.* 14, Liskeard Gardens, Blackheath, London, S.E. 3.
5-2-40	R	**Huda**, SYED SHAMSUL, *Research Scholar (Anjuman Taraqqee Urdu, Delhi)*, 3B, Taltolla, Entally, Calcutta.
7-3-32	R	**Hughes**, ARTHUR, B.A. (MANCHESTER), *Indian Civil Service, Labour Commissioner, Bengal.* 5, Council House Street, Calcutta.
6-8-34	N	**Husain**, SYED ATA, M.A. (CAL.), C.E. (ROORKEE), *Retired Superintending Engineer, Hyderabad State.* Mohalla Lingumpally, Hyderabad, Deccan.
6-6-23	A	***Hutton**, J. H., C.I.E., I.C.S., M.A., D.SC., F.R.A.S.B. University Museum of Archæology and Ethnology, Downing Street, Cambridge, England.
1-12-41	R	**Ingalls**, DANIEL HENRY HOLMES, M.A. (HARVARD), *Junior Fellow of Society of Fellows, Harvard University.* 2/7, Lansdowne Road, Calcutta.
1-2-11	L	**Insch**, JAMES. 18, Beechwood Avenue, Boscombe, Hants, England.
2-12-40	R	**Isch-Wall**, CLAUDE, LICENCIÉ-ÈS-SCIENCE (MATHEMÀTIQUES ET PHYSIQUES) *Lieutenant British Army,* Grand Hotel, Calcutta.
2-5-38	R	**Jacob**, J. R., *Director, Messrs. B. N. Elias & Co., Merchant and Landholder.* Norton Buildings, Old Court House Corner, Calcutta.
1-7-40	R	**Jagannath**, SRI, M.SC., I.S.R., *Superintendent, Commercial, E.I. Ry. House.* Fairlie Place, Calcutta.
6-6-27	L	**Jain**, BALDEODAS, *Merchant and Banker.* 21, Armenian Street, Calcutta.
2-2-21	R	**Jain**, CHHOTE LAL, M.R.A.S. 174, Central Avenue, Calcutta.
6-1-30	N	**Jain**, NIRMAL KUMAR. Devashrama, Arrah.
2-12-40	R	**Jalan**, MOHANLAL, *Landlord,* c/o Seth Soorajmall Jalan, Smriti Bhawan, 186, Chittaranjan Avenue, Calcutta.
7-4-41	N	**Jamal-ud-Din**, LIEUT.-COL., *Civil Surgeon,* Rawalpindi.
1-11-26	N	**Jameson**, THOMAS BLANDFORD, MAJOR, M.C., M.A. (CANTAB.), I.C.S., *Magistrate and Collector,* Chittagong.
1-11-38	R	**Jatia**, KANAI LALL. 21, Roopchand Roy Street, Calcutta.

Date of Election.		
4-2-29	R	**Jenkins,** WALTER ALLEN, D.SC. (SHEFFIELD), I.E.S. United Service Club, Calcutta.
1-11-11	L	**Kamaluddin,** AHMAD, SHAMS'UL-'ULAMA, M.A., I.E.S., 3, Nawab Abdur Rahman Street, Calcutta.
4-5-10	L	***Kemp,** STANLEY W., B.A., D.SC., F.R.S., F.A.S.B. *Marine Biological Association of U.K.* The Laboratory, Citadel Hill, Plymouth, England.
6-3-01	N	***Khan,** THE HON'BLE NAWAB SADR YAR JUNG, MOHD. HABIB-UL-RAHMAN, F.R.A.S.B., *Rais, Bhikanpur.* Habibganj, District Aligarh.
3-12-24	R	**Khan,** REZAUR RAHMAN, M.A., B.L., *Deputy President, Bengal Legislative Council.* 46, Old Ballygunge 1st Lane, Calcutta.
2-8-26	R	**Khettry,** BENIMADHO, *Proprietor, Messrs. Gouri Shanker Khettry, Landholders, Bankers and Merchants.* 15, Paggiyapatti, Barabazar, Calcutta.
2-11-25	F	**Kimura,** R. (KO-SHI), *Principal, College Department of Rissho University.* Osaki Machi, Tokyo, Japan.
5-5-41	A	**Kirby,** EDWARD STUART, CAPTAIN, PH.D., B.SC. (ECON.), F.R.ECON.S., *Indian Army,* 12, Russell Street, Calcutta.
5-2-34	N	**Kirby,** WALTER, B.SC., *Inspector of Mines in India.* Dhanbad, E.I.R.
4-11-35	A	**Klebe,** ANINA, née BRANDT, PH.D. (GREIFSWALD, GERMANY), *Psychologist.* 26, Royal Court, 5/1, Russell Street, Calcutta.
1-3-26	R	**Kramrisch,** STELLA (MRS.), PH.D., *Lecturer in Ancient Indian History (Fine Arts), Calcutta University.* 14, Y.W.C.A., 1, Middleton Row, Calcutta.
7-3-23	A	**Labey,** GEORGE THOMAS, M.C., *Bengal Pilot Service.* United Service Club, Calcutta.
4-2-35	R	**Lal,** RAM BIHARI, M.B.B.S., D.P.H., D.T.M. & H., D.B., F.N.I., *Professor of Vital Statistics and Epidemiology, All-India Institute of Hygiene and Public Health.* 21, Chittaranjan Avenue, Calcutta.
5-2-40	R	**Law,** ANANTA CHURN, *Attorney-at Law,* 23, Badur Bagan Road, Calcutta.
5-2-34	R	**Law,** BHABANI CHURN, *Merchant, Zemindar and Artist.* 223, Cornwallis Street, Calcutta.
5-8-14	L	***Law,** BIMALA CHARAN, M.A., B.L., PH.D., F.R.HIST.S., F.R.A.S.B. 43, Kailas Bose Street, Calcutta.
1-2-11	R	***Law,** NARENDRA NATH, M.A., B.L., PH.D., F.R.A.S.B. 96, Amherst Street, Calcutta.
4-2-35	R	**Law,** PARBUTTY CHURN. 223, Cornwallis Street, Calcutta.
1-7-14	R	**Law,** SATYA CHURN, M.A., B.L., PH.D., F.N.I., F.Z.S., M.B.O.U. 50, Kailas Bose Street, Calcutta.
7-6-26	R	**Lemmon,** RICHARD DENNIS, *Merchant.* c/o Messrs. Martin & Harris, Ld., 17, Prinsep Street, Calcutta.
1-6-31	L	**Lort-Williams,** SIR JOHN, KT., K.C., *Barrister-at-Law.* 2/1, Lansdowne Road, Calcutta.
2-8-05	L	***McCay,** DAVID, LT.-COL., I.M.S., M.D., B.CH., B.A.O., M.R.C.P., F.R.A.S.B. c/o The Standard Bank of S. Africa, Hanover, Cape Province, S. Africa.
11-1-93	L	***Maclagan,** SIR EDWARD DOUGLAS, K.C.S.I., K.C.I.E., F.R.A.S.B. 39, Egerton Terrace, London, S.W. 3.

Date of Election.		
3-3-20	R	**Mahalanobis,** P. C., O.B.E., M.A., B.SC., F.N.I., I.E.S., *Professor, Presidency College.* 210, Cornwallis Street, Calcutta.
2-5-38	R	**Mahtab,** Maharaj Kumar A. C., Bijay Manzil, 2, Judge's Court Road, Alipur, Calcutta.
3-2-30	N	**Mahtab,** Uday Chand, B.A., *Maharajadhiraja Bahadur of Burdwan.* The Palace, Burdwan.
6-2-24	A	**Mahindra,** K. C., B.A. (Cantab.). Messrs. Martin & Co., 12, Mission Row, Calcutta.
3-7-39	R	**Majumdar,** Jatindra Mohan, M.A., *Deputy Dock Superintendent, Calcutta Port Commissioners.* 29, School Row, Bhawanipore, Calcutta.
2-2-16	R	**Majumdar,** Narendra Kumar, M.A., *Professor, Calcutta University.* 3, Government Place, West, Calcutta.
4-6-13	R	***Majumdar,** Ramesh Chandra, M.A., PH.D., F.R.A.S.B., *Vice-Chancellor, Dacca University (retd.),* 4, Bepin Pal Road, Kalighat Calcutta.
7-4-41	R	**Malik,** A. R., Khan Bahadur, *Senior Marketing Officer, Bengal.* 49, Jhowtala Road, P.O. Ballygunge, Calcutta.
4-11-29	N	**Mallya,** Bantwal Ganapathy, LT.-COL., F.R.C.S., M.D., M.R.C.S., I.M.S., *Officer Commanding, War Hospital,* Bikaner.
6-2-18	L	***Manen,** Johan van, C.I.E., *Officer de l'Instruction Publique,* F.R.A.S.B. 6, Temple Chambers, 6, Old Post Office Street, Calcutta.
5-6-01	F	**Mann,** Harold Hart, D.SC., M.SC., F.I.C., F.L.S. Woburn Experimental Station, Aspley Guise, Bedfordshire, England.
4-3-40	R	**Mazumdar,** Dwijendra Lal, *Indian Civil Service,* 11A, Mayfair, Ballygunge, Calcutta.
2-1-28	N	**Mello,** Froilano de, Colonel, *Director-General of Medical Services in Portuguese India, Professor of Parasitology.* Nova Gôa.
6-3-39	R	**Meyer,** Miss Sally, M.A., *Professor of Botany, Victoria Institution.* 11, Sudder Street, Calcutta.
5-11-84	L	***Middlemiss,** Charles Stewart, C.I.E., F.R.S., B.A., F.G.S., F.R.A.S.B. Aviemore, Crowborough, Sussex, England.
1-2-26	N	***Mills,** James Philip, C.I.E., I.C.S., M.A. (Oxon), J.P., F.N.I., F.R.A.S.B. Secretariat, Shillong, Assam.
3-3-41	R	**Mitra,** Miss Priti, M.A., *Research Student.* 14, Chowringhee Terrace, Calcutta.
5-3-24	N	**Mitter,** Sir B. L., K.C.S.I., M.A., B.L., *Barrister-at-Law, Advocate-General, Federal Court.* New Delhi.
5-4-26	R	**Mitter,** Khagendra Nath, Rai Bahadur, M.A., *Professor, Presidency College (Retired).* 6, Ballygunge Place, Calcutta.
30-9-35	R	**Mitter,** Sudhir Chunder, *Barrister-at-Law.* 19, Camac Street, Calcutta.
7-12-36	R	**Mittra,** S. C. 34, Shampukur Street, Calcutta.
1-11-26	R	**Modi,** Jal R. K., B.A. 4, Camac Street, Calcutta.
5-3-34	R	**Modi,** Jehangir Jeevanji Jamshedji, *Merchant.* 5, Dhurrumtollah Street, Calcutta.
5-11-24	R	**Mookerjee,** B. N., B.A. (Cantab.), *Engineer.* 12, Mission Row, Calcutta.
2-7-24	R	**Mookerjee,** The Hon'ble Dr. Syamaprasad, M.A., B.L., D.LITT., *Barrister-at-Law, Minister, Govt. of Bengal.* 77, Asutosh Mookerjee Road, Calcutta.
5-4-37	N	**Mooney,** H. F., I.F.S., *Forest Adviser.* Sambalpur, B.N. Ry., Orissa.

Date of Election.		
5-7-37	A	**Mozumdar,** Suprabhat, *Master, Rajkumar College.* Staff Club, Raipur, C.P.
4-12-39	R	**Mukerjea,** Jyotish Chandra, *Late Chief Executive Officer, Calcutta Corporation,* 28, Camac Street, Calcutta.
6-3-39	R	**Mukerjee,** S. C., *Retired Member of the Indian Civil Service.* 25/1, Rowland Road, Calcutta.
2-2-21	N	**Mukerjee,** Subodh Chandra, Shastri, m.a., docteur-es-lettres (Paris), *Head of the Dept. of Sanskrit, Hindu University, Benares.*
6-2-28	R	**Mukerji,** Sir Manmatha Nath, kt., m.a., b.l., *Judge, Calcutta High Court (retd.).* 8/1, Harsi Street, Calcutta.
5-7-37	R	**Mukerji,** Pannalal, Rai Bahadur, *Zemindar and Honorary Magistrate.* 7, Rajmohan Road, Uttarpara, Hooghly.
7-11-27	N	**Mukherjee,** Devaprosanna, m.a., b.l., *Zemindar.* Burdwan.
2-8-26	R	***Mukherjee,** Jnanendra Nath, d.sc. (London), f.c.s. (London), f.n.i., f.r.a.s.b., *Ghose Professor of Chemistry, University of Calcutta.* 92, Upper Circular Road, Calcutta.
5-7-26	R	**Mukhopadhyaya,** Prabhat Kumar, m.a., *Research Assistant, Calcutta University.* 6, Hindustan Park, Ballygunge, Calcutta.
2-2-21	R	**Mukhopadhyaya,** Ramaprasad, m.a., b.l. 77, Ashutosh Mookerjee Road, Bhawanipore, Calcutta.
2-4-28	R	**Mullick,** Kartick Churn, Kumar, *Director, Raja D. N. Mullick & Sons, Ltd.* Colootola Rajbati, Chittaranjan Avenue, Calcutta.
6-8-34	R	**Mullick,** Manick Lall, *Landholder ; Honorary Magistrate, Sealdah.* 123, Grey Street, Calcutta.
4-3-29	R	**Mullick,** Pramatha Nath, Rai Bahadur, *Zemindar and Landholder.* 129, Cornwallis Street, Calcutta.
7-5-28	N	**Murray,** Eugene Florian Oliphant, a.i.m.m., f.g.s., *Mining Geologist and Engineer.* Tatanagar, B.N. Ry.
5-6-39	R	**Nag,** Kalidas, m.a. (Cal.), d.litt. (Paris), *Lecturer, Calcutta University.* P.26, Lansdowne Road Extension, Calcutta.
5-12-27	L	**Namgyal,** H.H. Maharaja Sir Tashi, k.c.i.e., *Maharaja of Sikkim.* Gangtok, Sikkim.
6-6-27	N	**Nandi,** Maharaja Sris Chandra, m.a., m.l.c., *Zemindar.* Kasimbazar Rajbari, Kasimbazar, Murshidabad.
4-2-29	N	**Narain,** Hirde, m.a., b.t., *Professor of History, Morris College.* Nagpur, C.P.
5-2-34	N	**Nariman,** Rustom, K., m.i.c.e., a.c.h., f.r.g.s. (*Retired Superintending Engineer, Punjab Irrigation*), *Professor of Engineering, Osmania University.* c/o The Union Bank of India. Fort, Bombay.
5-3-28	R	**Neogi,** Panchanan, m.a., ph.d., f.n.i., i.e.s., *Professor of Chemistry, Presidency College.* 44A, New Shambazar Street, Calcutta.
3-11-30	N	**Newman,** Carl Damien, m.b., b.s., d.t.m. & h., d.p.h., *Chief Medical Officer.* 6, Mayo Gardens, Lahore.
3-12-24	A	**Newman,** Chas. F., f.r.g.s., m.r.s.t., m.c.p. Ramnagar, Benares.
7-4-15	L	**Ohtani,** Count Kozui. San-ya-so, Edomachi, Fushimi, Kyoto, Japan.

Date of Election.		
1-5-39	A	**Parker,** E., Capt., I.A. (Retd.). c/o Remington Rand Inc., 3, Council House Street, Calcutta.
5-2-34	N	**Pasricha,** Chiranji Lal, M.A., M.B., B.Chir. (Cantab.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), Major, I.M.S., Medical Directorate, General Headquarters, Delhi.
5-2-40	R	**Pask,** John David, B.Sc., Ph.D. (Leeds), *Chief Chemist, Howrah Mills Co., Ltd.,* Ramkristopur, Howrah.
2-6-41	R	**Paterson,** Edward Alford, *Assistant, Jardine, Skinner & Co., Ltd.,* 4, Clive Row, Calcutta.
6-6-88	L	**Pennell,** Aubrey Percival, M.A., *Barrister-at-Law.* St. Canon's Tower, Loch Awe, Argyll, Scotland.
5-2-34	N	**Percival,** Frederick George, Ph.D. (Lond.), F.G.S., *General Superintendent, Ore Mines and Quarries, Tata Iron and Steel Co., Ld.* Jamshedpur.
1-4-25	R	**Perier,** Ferdinand, S.J., *Most Reverend the Archbishop of Calcutta.* 32, Park Street, Calcutta.
3-6-40	F	**Poleman,** Horace Irvin, B.A., M.A., Ph.D., *Director of Indic Studies, Library of Congress.* Washington, D.C., U.S.A.
3-4-18	L	***Prashad,** Baini, D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., *Director, Zoological Survey of India.* Kaiser Castle, Benares.
3-8-25	N	***Pruthi,** Hem Singh, M.Sc. (Punjab), Ph.D. (London), F.N.I., F.R.A.S.B., *Imperial Entomologist, Imperial Institute of Agricultural Research,* New Delhi.
3-12-24	R	**Pushong,** E. S., M.D., L.S.A., *Medical Practitioner.* 1, Chapel Road, Hastings, Calcutta.
3-11-30	R	**Rahman,** Shah Kalimur, M.A., *Lecturer in Arabic and Persian, Calcutta University.* Carmichael Hostel, 51, Baitakkhana Road, Calcutta.
7-9-36	N	**Ram,** Doulat, *Accountant, Military Secretary's Office.* c/o Messrs. Biru Mal Chiranji Lal, Chhatla Magni Ram, Patiala.
2-1-39	R	**Ramachandran,** T. N., M.A., *Offg. Superintendent, Archæological Section, Indian Museum.* 27, Chowringhee, Calcutta.
2-10-39	N	**Rangarajam,** Krishnaswami, *Employee, I.C.I. (India) Ltd., Madras.* Rukmani Building, Mambalam West, Madras.
6-8-34	R	**Rao,** U. Shanker. *Bengal Pilot Service.* 83, Chowringhee, Calcutta.
1-2-26	N	**Rao,** Y. Ramachandra, Rao Bahadur, M.A., F.E.S., *Retired Government Entomologist, Madras.* 199, Market Road, Visveswarapuram, Bangalore.
1-9-41	R	**Ratcliff,** George Massey, I.C.S. 5, Wellesley Place, Government House, Calcutta.
7-9-21	R	**Ray,** Hem Chandra, M.A., Ph.D. (London), D.Lit. (London). 135B, Vivekananda Road, Calcutta.
5-1-21	N	**Ray,** Jagadisnath, Maharaja, *Maharaja of Dinajpore.* Dinajpore.
5-3-90	R	***Ray,** Sir Profulla Chandra, Kt., C.I.E., D.Sc., F.N.I., F.R.A.S.B. University College of Science, 92, Upper Circular Road, Calcutta.
7-7-41	N	**Ray,** Satis Chandra, M.A., *D.P.I.* Shillong, Assam.

Date of Election.		
1-7-40	N	**Ray**, Sukumar, M.A., *Lecturer in History, Rajshahi College.* P.O. Ghoramara, Rajshahi.
4-12-39	R	**Ray-Chowdhury**, H. C., M.A., PH.D., *Carmichael Professor of Ancient Indian History and Culture, Calcutta University.* 6, Mysore Road, Kalighat, Calcutta.
3-2-41	N	**Reddy**, B. Ranga, *Joint Revenue Secretary, H.E.H. the Nizam's Government*, Bholakpur, Secunderabad, Deccan.
5-11-28	L	**Reinhart**, Werner. c/o Messrs. Volkart Bros., Ld., Rychenberg, Winterthur, Switzerland.
3-11-41	N	**Reynolds**, Herman M., M.A., B.D., *Missionary,* Pendra Road, C.P.
2-4-24	F	**Richards**, F. J., I.C.S. Treeps, Hurstpier Point, Sussex, England.
3-12-24	L	**Roerich**, George Nicholas, M.A., M.R.A.S., *Orientalist.* 310, Riverside Drive, New York, U.S.A. ('Urusvati' Naggar, Kulu, Punjab).
2-7-28	L	**Roerich**, Nicholas, *Professor. Honorary President, Master Institute of United Arts, New York, U.S.A., Artist-Painter.* 310, Riverside Drive, New York, U.S.A.
5-6-33	A	**Rossetti**, Felix Francis Leo, B.SC., B.H., *Secretary, Y.M.C.A.* 42, Corporation Street, Calcutta.
7-4-41	R	**Roxburgh**, The Hon'ble Mr. Justice T. J. Y., C.I.E., I.C.S., *Additional Judge, High Court, Calcutta.* 6, Lee Road, Calcutta.
6-12-26	R	**Roy**, Sir A. K., KT., *Barrister-at-Law, Advocate-General, Bengal.* 3, Upper Wood Street, P.O. Theatre Road, Calcutta.
5-2-40	R	**Roy**, B. C., B.A., M.D., F.R.C.S. (Eng.), M.R.C.P. (Lond.), F.S.M.F. (Bengal). 36, Wellington Street, Calcutta.
5-4-37	N	**Roy**, David, M.B.E., *Assam Civil Service.* Shillong, Assam.
1-12-30	N	**Roy**, Kumar Kamalaranjan, B.A., *Zemindar.* Kasimbazar Post, Dt. Murshidabad.
3-2-41	N	**Roy**, Nirod Bhushan, *Professor of History, A. M. College.* Suburban Road, Mymensingh.
6-8-24	N	**Roy-Chowdhury**, Brajendra Kishore, *Zemindar.* (53, Sukea Street, Calcutta.) Gauripur, Mymensingh.
7-5-28	R	*__Saha__, Meghnad, D.SC., F.R.S., F.N.I., F.R.A.S.B., _Palit Professor of Physics, Calcutta University._ 92, Upper Circular Road, Calcutta.
5-4-37	N	**Sahni**, M. R., M.A. (Cantab.), D.SC. (Lond.), D.I.C., *Geologist, Geological Survey of India.* 27, Chowringhee, Calcutta.
5-2-34	L	**Sale**, Harold Montague, M.A., F.G.S., Mancetter Cottage, Atherstone, Warwickshire, England.
3-12-24	R	**Sarkar**, C. K., C.E., *Engineer and Architect.* 10, Hastings Street, Calcutta.
4-2-35	N	**Sarkar**, The Hon'ble Mr. Nalini Ranjan, *Member, Viceroy's Council.* New Delhi.
5-4-37	R	**Sattar**, The Hon'ble Mr. A. R. H. A., *Member, Council of State.* 32, Ezra Street, Calcutta.
3-6-40	A	**Seal**, John Robert, M.B.E., c/o. Grand Hotel, Simla, H.O.
6-3-33	R	**Seal**, Satis Chandra, M.A., B.L., *Honorary Secretary, Indian Research Institute.* 170, Maniktola Street, Calcutta.
1-4-25	R	**Sen**, Benoy Chandra, M.A., PH.D. P.341, Jatin Das Road, P.O. Rashbehari Avenue, Calcutta.
9-12-36	R	**Sen**, D. N. 7, Rawdon Street, Calcutta.

Date of Election		
1-6-36	N	**Sen,** J. M., M.ED. (Leeds), B.SC. (Cal.), T.D. (Lond.), DIP.ED. (Oxford), F.R.G.S., F.N.I. *Principal, Krishnagar College.* Krishnagar, Nadia.
5-12-23	L	**Sen,** Lakshman, H.H. Raja of Suket. Suket State, Punjab.
5-4-37	N	**Sen,** Kshitish Mohan. *Principal,* Visvabharati, Santiniketan, Dist. Birbhum.
5-2-40	N	**Sen,** S. C., B.SC. (Cal.), B.A. (Cantab.), A.M.I.CHEM.E. (London.), *Superintendent, Cinchona Cultivation in Bengal.* Mungpoo, Riyand, D.H.Ry.
1-4-29	R	**Sen-Gupta,** Nares Chandra, M.A., D.L., *Advocate, High Court.* 23A, Manoharpukur Road, Calcutta.
5-7-11	L	***Sewell,** Robert Beresford Seymour, C.I.E., M.A., SC.D. (Cantab.), M.R.C.S., L.R.C.P., F.Z.S., F.L.S., F.R.S., F.N.I., F.R.A.S.B., LT.-COL., I.M.S., *Director, Zoological Survey of India (retd.).* 18, Barrow Road, Cambridge, England.
5-4-37	N	**Sharaf-ud-Din,** S., M.A., B.L., *Professor, Chittagong College.* Chittagong.
2-11-25	N	**Sharif,** Mohammad, D.SC., F.R.M.S., F.L.S., *Lecturer in Zoology.* Muslim University, Aligarh.
6-5-29	N	**Sharma,** Sri Ram, M.A., M.R.A.S., M.A.O.S., *Professor of History.* D.A.V. College, Lahore.
3-2-41	L	**Shastri,** Gangeyanarottam, *Kavyatirtha, Kavicakracudamani, Landholder.* Gangeya Bhawan, 280, Chittaranjan Avenue, Calcutta.
5-8-35	N	**Shattock,** John Swithin Harvey, B.A. (Oxon), M.B.E., I.C.S. The Residency, Baroda.
2-5-23	F	**Shebbeare,** E. O., *Chief Game Warden.* Post Box No. 376, Kuala Lumpur, F.M.S.
6-1-09	N	**Shirreff,** Alexander Grierson, B.A., I.C.S., Board of Revenue, Lucknow.
4-1-26	N	**Shortt,** H. E., C.I.E., M.D., CH.B., D.SC., F.N.I., LT.-COL., I.M.S., *Inspector-General of Civil Hospitals.* Shillong, Assam.
6-2-28	L	**Shumser,** Jung Bahadur Rana, Sir Kaiser, K.B.E., SURPRADIPTA MANYAVARA, LIEUT.-GENERAL, *Nepalese Army.* Kaiser Mahal, Kathmandu, Nepal.
4-11-29	R	**Siddiqi,** Mohammad Zubayr, M.A., PH.D., *Sir Asutosh Professor of Islamic Culture, Calcutta University.* 6, Suhrawardy Avenue, Calcutta.
6-2-39	N	**Simeons,** Albert Theodore William, M.D. (Heidelberg), Physician, Khatau Mansion, Cooperage, Bombay.
5-3-13	L	***Simonsen,** John Lionel, D.SC., F.I.C., F.R.S., F.R.A.S.B. University College of North Wales, Bangor, North Wales.
6-3-39	F	**Sinclair,** Gregg M., *Director, Oriental Institute, University of Hawaii.* Honolulu, Hawaii, U.S.A.
6-2-18	N	**Singh,** Manyabara Badakaji Marichi Man, Panditji, C.I.E. 38, Khichapokhari, Kathmandu, Nepal.
5-3-34	L	**Singh,** His Highness The Hon'ble Maharajadhiraja Sir Kameswar, K.C.I.E. Darbhanga.
2-1-33	N	**Singh,** Rudra Pertab, Rao Bahadur, *Proprietor, Sonbarsa Raj.* Sonbarsa P.O., District Bhagalpore.
4-2-35	A	**Singh,** Sarabjit, M.A., B.L. P.O. Imphal, Manipur State.
5-9-12	R	**Singhi,** Bahadur Singh. (Azimganj, Murshidabad). 48, Gariahat Road, Calcutta.
7-8-33	N	**Sinh,** Raghubir, Rajkumar, M.A., LL.B., *Heir-Apparent of Sitamau State.* Raghubir Niwas, Sitamau, C.I.

Date of Election.		
1-8-38	R	**Sinha,** B. N. 4, Hastings Park Street, Calcutta.
6-6-27	N	**Sinha,** Sheonandan Prasad, M.D., *Assistant Surgeon.* Government Hospital, Jamshedpur.
4-1-26	N	**Sinton,** J. A., O.B.E., LT.-COL., I.M.S., V.C., *Officer-in-Charge, Malaria Bureau.* Central Research Institute, Kasauli.
5-7-16	L	**Sircar,** Ganapati, Vidyaratna. 69, Beliaghatta Main Road, Calcutta.
5-3-24	R	**Sircar,** Sir Nil Ratan, KT., M.A., M.D., *Physician.* 7, Short Street, Calcutta.
5-8-29	R	**Summerfield,** Alfred, *Merchant.* c/o Mousell & Co., Mercantile Buildings, Lall Bazar, Calcutta.
3-9-34	R	**Sondhi,** Ved Pall, M.B.E., M.SC., F.G.S., *Assistant Superintendent, Geological Survey of India.* 27, Chowringhee, Calcutta.
7-3-23	F	**Stamp,** L. Dudley, B.A., D.SC. University of London, London School of Economics, Houghton Street, London, W.C. 2.
28-9-04	L	***Stapleton,** Henry Ernest, M.A., B.SC., D.LITT., F.R.A.S.B., *Late Director of Public Instruction, Bengal.* St. Brelade, Jersey, C.I., England.
4-8-41	N	**Subramanyam,** R. A., *General Manager, Bharat Sugar Works,* Pachrukhi.
2-6-20	A	**Suhrawardy,** Sir Hassan, O.B.E., LT.-COL., KT., M.D., F.R.C.S.I., D.P.H., *Late Vice-Chancellor, Calcutta University.* 3, Suhrawardy Avenue, Park Circus, Calcutta.
3-3-20	N	**Sundararaj,** Bunguru, Dewan Bahadur, M.A., F.N.I., PH.D., *Retd. Director of Fisheries, Madras.* 'The Anchorage', P.O. Adyar, Madras.
7-11-32	L	**Suvarna,** Shumser Jung Bahadur Rana, *Major-General in the Nepalese Army.* Singha Darbar, Kathmandu, Nepal.
6-4-98	R	**Tagore,** Sir Pradyot Coomar, KT., Maharaja Bahadur. 'Tagore Castle', 12, Prasanna Coomar Tagore Street, Calcutta.
7-11-27	R	**Tarkatirtha,** Bimalananda, *Kaviraj, Punditbhusan, Byakaranatirtha.* 90/3, Grey Street, Calcutta.
31-8-93	L	**Tate,** George Passman. 56, Cantonment, Bareilly, U.P.
1-6-04	L	***Tipper,** George Howlett, M.A., F.G.S., M.INST.M.M., F.R.A.S.B. 'The Laurels', Glebe Road, Cambridge, England.
6-6-38	N	**Tressler,** G. W., M.A., *Senior Professor of History and Political Science, Murray College.* Sialkot, Punjab.
3-2-41	R	**Tribedi,** B. P., M.B. (CAL.), D.B. (LOND.), *Professor of Pathology, Medical College, and Bacteriologist to the Government of Bengal, Medical College.* Calcutta.
5-7-26	N	**Tyson,** John Dawson, C.B.E., M.A. (OXON), I.C.S., J.P. *Secretary to the Government of India, Department of Education, Health and Lands.* New Delhi.
4-1-37	R	**Vedantatirtha,** Narendra Chandra, M.A., Bagchi, Bhattacharja, Sankhyatirtha, Mimamsatirtha, Tattvaratna, Sastri, *Author and Editor of Books.* 49, Cornwallis Street, Calcutta.
7-8-33	R	**Vedantatirtha,** Vanamali, M.A., *Formerly Professor, Cotton College, Gauhati.* 8/4-E, Nepal Bhattacharya Lane, Kalighat, Calcutta.
7-4-41	N	**Vicary,** Thomas C., M.A. (LOND.), A.K.C., *Missionary, Principal, Union Christian Training College.* Berhampore, Bengal.

Date of Election.		
6-3-01	L	***Vogel,** JEAN PHILIPPE, LITT.D., F.R.A.S.B. Noordeindsplein 4a, Lieden, Holland.
27-9-94	L	**Vost,** WILLIAM, LT.-COL., I.M.S. 'Woodhurst', Manor Way, South Croydon, Surrey, England.
6-5-25	N	***Wadia,** D. N., M.A., B.SC., F.R.G.S., F.N.I., F.R.A.S.B., *Government Mineralogist.* Torrington Square, Colombo, Ceylon.
5-3-28	N	**Waight,** HARRY GEORGE, M.A. (OXON), I.C.S., *District and Sessions Judge.* Mymensingh.
6-2-33	N	**Wellsted,** THOMAS ARTHUR, A.R.S.M., B.SC., ASSOC. INST. M.M., *Mining Engineer.* Mansar, P.O. Kandri, Ramtek, C.P.
6-2-33	R	**West,** WILLIAM DIXON, M.A. (CANTAB.), F.N.I., *Geologist, Geological Survey of India.* 27, Chowringhee, Calcutta.
1-11-26	R	**Westcott,** FOSS, MOST REVEREND, D.D. (CANTAB.), HONORARY D.D. (OXON), *Lord Bishop of Calcutta and Metropolitan of India, Burma and Ceylon.* Bishop's House, 51, Chowringhee, Calcutta.
19-9-06	L	***Whitehead,** RICHARD BERTRAM, F.R.A.S.B., I.C.S. (RETD.). 30, Millington Road, Cambridge, England.
6-5-29	A	**Williams,** HENRY FRENCH FULFORD, M.A., CLARE COLLEGE (CAMB.), *Chaplain of Barrackpore.* Barrackpore
7-9-36	R	**Williams,** N. T., Messrs. Orr Dignam & Co. 32, Dalhousie Sqr., Calcutta.
1-4-08	R	**Wordsworth,** WILLIAM CHRISTOPHER, C.I.E., M.A., I.E.S. (RETD.). c/o The *Statesman,* Chowringhee Square, Calcutta.
5-2-19	N	***Yazdani,** GHULAM, O.B.E., M.A., F.R.A.S.B., *Director, Archæological Department, H.E.H. the Nizam's Dominions.* Hyderabad, Deccan.
2-10-39	N	**Zafar Hasan,** MAULVI, KHAN BAHADUR, O.B.E. Curator, Central Museum, Lahore.

ORDINARY MEMBERS

(Chronological)

	1884.		
	Nov.	5.	Middlemiss, C. S.
	1888.		
	June	6.	Pennell, A. P.
	1890.		
	Mar.	5.	Ray, Sir Prafulla C.
	1892.		
	Jan.	11.	Maclagan Sir Edward D.
	1893.		
5	Aug.	31.	Tate, G. Passman
	1894.		
	Sept.	27.	Vost, W.
	1895.		
	Sept.	19.	De, K. C.
	1896.		
	Jan.	8.	Burn, Sir Richard
	1898.		
	Jan.	5.	Dods, W. K.
10	April	6.	Tagore, Sir Pradyot C.
	1901.		
	Mar.	6.	Shirwani, H.
	,,	,,	Vogel, J. P.
	June	5.	Mann, H. H.
	1902.		
	July	2.	Doxey, F.
	1904.		
15	June	1.	Tipper, G. H.
	Aug.	3.	Fermor, Sir L. L.
	,,	,,	Stapleton, H. E.
	1905.		
	Aug.	2.	McCay, D.
	1906.		
	Jan.	3.	Chapman, J. A.
20	Sept.	19.	Whitehead, R. B.

1907.			
July	3.	Brown, J. C.	
,,	,,	Christie, W. A. K.	
1908.			
Jan.	1.	Brahmachari, Sir U. N.	
April	1.	Wordsworth, W. C.	
1909.			
Jan.	6.	Shirreff, A. G.	25
April	7.	Bentley, C. A.	
July	7.	Bazaz, R. K.	
Oct.	6.	Brown, P.	
,,	,,	Gangoli, O. C.	
1910.			
May	4.	Dhavle, S. B.	30
,,	,,	Kemp, S. W.	
Sept.	7.	Gravely, F. H.	
1911.			
Feb.	1.	Insch, J.	
,,	,,	Law, N. N.	
June	7.	Chatterjee, K. K.	35
July	5.	Sewell, R. B. S.	
Nov.	1.	Ahmed, K.	
1912.			
July	3.	Andrews, E. A.	
Sept.	4.	Singhi, B. S.	
1913.			
Mar.	5.	Simonsen, J. L.	40
June	4.	Majumdar, R. C.	
Nov.	5.	Fox, C. S.	
1914.			
Mar.	4.	Bacot, J.	
July	1.	Law, S. C.	
Aug.	5.	Law, B. C.	45
1915.			
April	7.	Ohtani, Count K.	
Aug.	4.	Gurner, C. W.	
Oct.	27.	Chatterjee, Sir A. C.	

1916.

	Feb.	2.	Majumdar, N. K.
50	July	5.	Sarkar, G.

1917.

	April	4.	Aiyangar, K. V. R.
	Aug.	1.	Bhandarkar, D. R.

1918.

	Feb.	6.	Banerji, N. N.
	,,	,,	Manen, Johan van
55	,,	,,	Singh, B. M.
	April	3.	Prashad, B.

1919.

	Feb.	5.	Yazdani, G.
	Mar.	5.	Gupta, S. P.

1920.

	Mar.	3.	Mahalanobis, P. C.
60	,,	,,	Sundara Raj, B.
	June	2.	Suhrawardy, Sir H.
	Aug.	4.	Dikshit, K. N.
	Sept.	1.	Chakladar, H. C.
	,,	,,	Chanda, R. P.
65	,,	,,	Chatterjee, N. C.
	Dec.	,,	Akbar Khan, Sir M.

1921.

	Jan.	5.	Ray, J. N.
	Feb.	2.	Jain, Chhote Lall
	,,	,,	Mukherjee, R. P.
70	,,	,,	Mookherjee, S. C.
	Mar.	2.	Agharkar, S. P.
	Sept.	7.	Ray, H. C.
	Nov.	2.	Hora, S. L.

1922.

	Feb.	1.	Chopra, R. N.
75	April	5.	Abdul Ali, A. F. M.

1923.

	Mar.	7.	Labey, G. T.
	,,	,,	Stamp, L. D.
	May	2.	Shebbeare, E. O.
	June	6.	Howard, Sir A.
80	,,	,,	Hutton, J. H.
	Aug.	1.	Biswas, K. P.
	Dec.	5.	Chopra, B. N.
	,,	,,	Barwell, N. F.
	,,	,,	Sen, H. H. Lakshman

1924.

Feb.	6.	Mahindra, K. C.	85
Mar.	5.	Mitter, Sir B. L.	
,,	,,	Sircar, Sir N. R.	
April	2.	Bahl, K. N.	
,,	,,	Ghose, K.	
,,	,,	Richards, F. J.	90
,,	,,	Haq, M. M.	
May	7.	Bhattacharya, B.	
July	2.	Mookerjee, S. P.	
Aug.	6.	Chatterji, S. K.	
,,	,,	Roy Chowdhury, B.K.	95
,,	,,	Davies, L. M.	
Nov.	5.	Chattopadhyay, K. P.	
,,	,,	Mookerji, B. N.	
Dec.	3.	Newman, Chas. F.	
,,	,,	Pushong, E. S.	100
,,	,,	Basu, J. N.	
,,	,,	Ghose, S. C.	
,,	,,	Roerich, G. N.	
,,	,,	Khan, R. R.	
,,	,,	Sarkar, C. K.	105

1925.

Feb.	4.	Guha, B. S.	
Mar.	4.	Benthall, Sir E. C.	
,,	,,	Das, A. N.	
April	1.	Perier, F.	
,,	,,	Hobbs, H.	110
,,	,,	Sen, B. C.	
May	6.	Wadia, D. N.	
July	6.	Bose, M. M.	
Aug.	3.	Pruthi, H. S.	
Nov.	2.	Acharya, P.	115
,,	,,	Chaṭṭopādhyāya, K. C.	
,,	,,	Kimura, R.	
,,	,,	Sharif, M.	

1926.

Jan.	4.	Shortt, H. E.	
,,	,,	Sinton, J. A.	120
,,	,,	Fleming, A.	
Feb.	1.	Rao, Y. R.	
,,	,,	Ghuznavi, Sir A. H.	
,,	,,	Harris, H. G.	
Mar.	1.	Datta, H. N.	125
,,	,,	Basu, N. K.	
,,	,,	Kramrisch, Stella	
,,	,,	Bagnall, J. F.	
April	5.	Ghose, B. C.	
,,	,,	Mitter, K. N.	130
June	6.	Lemmon, R. D.	
July	5.	Mukhopadhyaya, P. K.	

	July	5.	Tyson, J. D.
	Aug.	2.	Mukherjee, J. N.
135	,,	,,	Khettry, B.
	Nov.	1.	Jameson, T. B.
	,,	,,	Modi, J. R. K.
	,,	,,	Westcott, F.
	,,	,,	Mills, J. P.
140	,,	,,	Galstaun, S.
	,,	,,	Bagchi, P. C.
	Dec.	6.	Aiyangar, S. K.
	,,	,,	Roy, A. K.

1927.

	Jan.	3.	Chakravarty, N.
145	,,	,,	Bivar, H. G. S.
	Feb.	7.	Chatterjee, A.
	Mar.	7.	Hopkinson, A. J.
	,,	,,	Ghosh, P. N.
	,,	,,	Abdul Kadir, A. M. F.
150	June	6.	Nandi, Maharaja S. C.
	,,	,,	Jain, B.
	,,	,,	Sinha, S. P.
	July	4.	Chatterjee, P. P.
	,,	,,	Chakravarti, C.
155	Nov.	7.	Tarkatirtha, B.
	,,	,,	Mukherji, D.
	,,	,,	Brahmachary, S. C.
	Dec.	5.	Namgyal, H.H. Sir Tashi
	,,	,,	Dechhen, H.H. Kunzang
160	,,	,,	Chowdhury, Sir C.

1928.

	Jan.	2.	Mello, F. de
	Feb.	6.	Ezra, Sir D.
	,,	,,	Mukerji, Sir M. N.
	,,	,,	Shumsher, Sir Kaiser
165	Mar.	5.	Waight, H. G.
	,,	,,	Gooptu, D. N.
	,,	,,	Neogi, P.
	,,	,,	Biswas, C. C.
	April	2.	Mullick, K. C.
170	,,	,,	Chowdhury, Rai J. N.
	May	7.	Chatterji, K. N.
	,,	,,	Chatterjea, Sir N. R.
	,,	,,	Murray, E. F. O.
	,,	,,	Ghosal, U. N.
175	,,	,,	Saha, M. N.
	June	4.	Bhadra, S. N.
	,,	,,	Bhattasali, N. K.
	July	2.	Roerich, N.
	Aug.	6.	Ghuznavi, I. S. K.
180	,,	,,	Heron, A. M.
	Nov.	5.	Reinhart, W.
	,,	,,	Galstaun, J. C.

1929.

Jan.	7.	Ghose, M. C.	
Feb.	4.	Narain, Hirde	
,,	,,	Jenkins, W. A.	185
Mar.	4.	De, J. C.	
,,	,,	Mullick, P. N.	
April	1.	Sen-Gupta, N. C.	
May	6.	Sharma, S. R.	
,,	,,	Williams, H. F. F.	190
Aug.	5.	Sommerfeld, A.	
Nov.	4.	Cotter, G. de P.	
,,	,,	Siddiqi, M. Z.	
,,	,,	Mallya, B. G.	
Dec.	2.	Fawcus, L. R.	195

1930.

Jan.	6.	Jain, N. K.	
,,	,,	Haldar, S. K.	
Feb.	3.	Mahtab, U. C.	
,,	,,	Chakravarti, M. N.	
Mar.	3.	Ashton, H. S.	200
May	5.	Deo, Sir P. C. Bhanj	
,,	,,	Cooper, G. A. P.	
Nov.	3.	Austin, G. J.	
,,	,,	Rahman, S. K.	
,,	,,	Newman, C. D.	205
Dec.	1.	Roy, K. K.	

1931.

Jan.	5.	Chatterji, D.	
,,	,,	Evans, P.	
Feb.	2.	Clough, J.	
Mar.	2.	Bose, S. K.	210
May	4.	Bottomley, J. M.	
June	1.	Lort-Williams, J.	

1932.

Mar.	7.	Hughes, A.	
,,	,,	Chakraborty, K. B.	
,,	,,	Darbari, M. D.	215
Nov.	,,	Suvarna Shumser	
,,	,,	Driver, D. C.	
Dec.	5.	Dutt, N.	
,,	,,	Boyle, C. A.	

1933.

Jan.	2.	George, J.	220
,,	,,	Dutch, R. A.	
,,	,,	Singh, R. P.	
Feb.	6.	Wellsted, T. A.	
,,	,,	Ghatak, J. C.	
,,	,,	West, W. D.	225

	Mar.	6.	Seal, S. C.
	June	5.	Rossetti, F. F. L.
	Aug.	7.	Singh, Raghubir
	,,	,,	Vedantatirtha, V.

1934.

230	Jan.	1.	Ahmad, M. J.
	Feb.	5.	Haldar, B. V.
	,,	,,	Kirby, W.
	,,	,,	Law, B. C.
	,,	,,	Nariman, R. K.
235	,,	,,	Pasricha, C. L.
	,,	,,	Percival, F. G.
	,,	,,	Sale, H. M.
	Mar.	5.	Modi, J. J. J.
	,,	,,	Singh, H.H. Sir K.
240	May	7.	Bent, W. A.
	June	4.	Chatterji, B. R.
	Aug.	6.	Husain, S. A.
	,,	,,	Mullick, M. L.
	,,	,,	Rao, U. S.
245	Sept.	3.	Auden, J. B.
	,,	,,	Sondhi, V. P.
	Nov.	5.	Gee, E. R.
	Dec.	3.	Burt, B. C.
	,,	,,	Brahmachari, P. N.
250	,,	,,	Chatterjee, S. C.

1935.

	Feb.	4.	Singh, S.
	,,	,,	Sarkar, N. R.
	,,	,,	Law, P. C.
	,,	,,	Lal, R. B.
255	Aug.	5.	Shattock, J. S. H.
	Sept.	30.	Dutt, M. N.
	,,	,,	Mitter, S. K.
	Nov.	4.	Bor, N. L.
	,,	,,	Chaudhuri, S. N.
260	,,	,,	Anina Klebe.
	,,	,,	Hirtzel, M. A. F.

1936.

	Jan.	6.	Brocke, A. G.
	,,	,,	Berkely-Hill, O.
	Feb.	3.	Catto, Lord
265	,,	,,	Ahmad, A.
	Mar.	2.	Chatterji, Mrs. T.
	,,	,,	Chatterjee, M.
	June	1.	Sen, J. M.
	Sept.	7.	Williams, N. T.
270	,,	,,	Ghosh, J.
	,,	,,	Ram, D.
	,,	,,	Bagchi, K. N.
	Nov.	2.	Bothra, S.
	Dec.	9.	Sen, D. N.
275	,,	,,	Mittra, S. C.
	,,	,,	Gillespie, A. D.
	Dec.	9.	Bose, A. N.
	,,	,,	Basu, I. B.
	,,	,,	Banerjee, S. M.

1937.

Jan.	4.	Vedantatirtha, N. C.	280
April	5.	Sharaf-ud-Din, S.	
,,	,,	Sattar, A. H.	
,,	,,	Sahni M. R.	
,,	,,	Roy, D.	
,,	,,	Mooney, H. F.	285
,,	,,	Sen, K. M.	
July	5.	Mozumdar, S.	
,,	,,	Mukherjee, P.	
Sept.	6.	Halim, A.	
,,	,,	Durniz-Podewils, Count	290
,,	,,	Bhattacharya, N. C.	

1938.

Feb.	7.	Chakravarti, P. K.	
April	4.	Chaudhuri, Mrs. R.	
,,	,,	Anderson, J.	
May	2.	Faroqui, K. G. M.	295
,,	,,	Mahtab, Maharaj Kumar A. C.	
,,	,,	Jacob, J. R.	
June	6.	Tressler, G. W.	
,,	,,	Dudhoria, N. K. S.	
July	4.	Carstairs, A. M.	300
Aug.	1.	Sinha, B.	
,,	,,	Banerjee, J. N.	
Nov.	1.	Jatia, K. L.	
,,	,,	Eekhout, Jhr., P. J.	
Dec.	5.	Das Gupta, C. C.	305

1939.

Jan.	2.	Bose, S. M.	
,,	,,	Ramachandran, T. N.	
Feb.	6.	Basu, J. N.	
,,	,,	Simeons, A. T. W.	
,,	,,	Chakravarti, R. M.	310
Mar	6.	Culshaw, W. J.	
,,	,,	Sinclair, G. M.	
,,	,,	Mukerjee, S. C.	
,,	,,	Meyer, Miss S.	
May	1.	Parker, E.	315
,,	,,	Ayrton, S. M.	
June	5.	Ali, S. S.	
,,	,,	Nag, K.	
July	3.	Majumdar, J. M.	
Aug.	7.	Bose, G.	320
,,	,,	Helland, B. A.	
Sept.	4.	Ghosh, J. C.	

	Oct.	2.	Hasan, Z.
	,,	,,	Basu Mazoomder, W.
325	,,	,,	Rangarajam, K.
	,,	,,	Bastin, R. W.
	Dec.	4.	Ray Chowdhury, H. C.
	,,	,,	Cameron, A.
	,,	,,	Mukerjea, J. C.
330	,,	,,	Bose, D. M.

1940.

	Feb.	2.	Sen, S. C.
	,,	,,	Roy, B. C.
	,,	,,	Pask, J. D.
	,,	,,	Law, A. C.
335	,,	,,	Huda, S. S.
	,,	,,	Ghatak, I. B.
	,,	,,	Basu, M. M.
	Mar.	4.	Mazumdar, D. L.
	,,	,,	Harshe, R. G.
340	,,	,,	Haryana, R. A.
	,,	,,	Crawford, C. E. J.
	,,	,,	Bruce, A. E. R.
	,,	,,	Bell, F. O.
	,,	,,	Foster, A. R.
345	May	6.	Griffiths, W. G.
	,,	,,	Bharucha, F. E.
	,,	,,	Asadullah, K. M.
	June	3.	Seal, J. R.
	,,	,,	Poleman, H. I.
350	,,	,,	De, J. C.
	July	1.	Jagannath.
	July	1.	Dutt, S. C.
	,,	,,	Chatterjee, A. B.
	,,	,,	Ghosh, R.
355	,,	,,	Ray, S.
	Sept.	2.	Ghosh, P. K.
	,,	,,	Chatterji, B. C.
	Dec.	2.	Edgley, N. G. A.
	,,	,,	Isch-Wall, C.
360	,,	,,	Jalan, M.
	,,	,,	Hodgson, L. L.

1941.

	Feb.	3.	Ray, N. B.
	,,	,,	Reddy, B. R.
	,,	,,	Shastri, G.
365	,,	,,	Tribedi, B. P.
	Mar.	3.	Mitra, Miss P.
	April	7.	Baker, E. B. H.
	,,	,,	Jamal-ud-Din.
	,,	,,	Malik, A. R.
370	,,	,,	Roxburgh, T. J. Y.
	,,	,,	Vicary, T. C.
	May	5.	Kirby, E. S.
	June	2.	Paterson, E. A.
	July	7.	Ray, S. C.
375	Aug.	4.	Subramanyam, R. A.
	Sept.	1.	Banerji, S. C.
	,,	,,	Ratcliff, G. M.
	Nov.	3.	Reynolds, H. M.
	Dec.	1.	Ewart, D. J.
380	,,	,,	Grant, J. B.
	,,	,,	Ingalls, D. H. H.

LIFE MEMBERS

(Chronological)

	5-11-84	C. S. Middlemiss (30 N.).
	6-6-88	A. P. Pennell (88 F.).
	11-1-93	Sir Edward D. Maclagan (94 R.).
	31-7-93	G. P. Tate (23 N.).
5	27-9-94	W. Vost (94 F.).
	19-9-95	K. C. De (26 R.).
	6-2-01	J.Ph. Vogel (25 F.).
	2-7-03	F. Doxey (28 R.).
	1-6-04	G. H. Tipper (27 N.).
10	3-8-04	Sir Lewis L. Fermor (36 N.).
	28-9-04	H. E. Stapleton (26 R.).
	2-8-05	D. McCay (29 F.).
	3-1-06	J. A. Chapman (28 N.).
	19-7-06	R. B. Whitehead (26 N.).
15	3-7-07	J. Coggin Brown (28 N.).
	3-7-07	W. A. K. Christie (29 N.).
	1-1-08	Sir U. N. Brahmachari (27 R.).
	7-4-09	C. A. Bentley (30 N.).
	4-5-10	S. B. Dhavle (10 N.).
20	4-5-10	S. W. Kemp (29 F.).
	1-2-11	James Insch (28 R.).
	5-7-11	R. B. S. Sewell (28 N.).
	1-11-11	Kamaluddin Ahmad (24 N.).
	5-3-13	J. L. Simonsen (19 N.).
25	5-11-13	C. S. Fox (40 N.).
	4-3-14	J. Bacot (14 F.).
	5-8-14	B. C. Law (33 R.).
	7-4-15	Count K. Ohtani (39 F.).
	5-7-16	G. Sircar (29 N.).
30	6-2-18	Johan van Manen (25 R.).
	3-4-18	B. Prashad (29 R.).
	2-11-21	S. L. Hora (30 N.).
	6-6-23	Sir A. Howard (30 N.).
	1-8-23	Kalipada Biswas (36 R.).
35	5-12-23	B. N. Chopra (40 N.).
	5-12-23	H. H. Lakshman Sen (24 N.).
	7-5-24	B. Bhattacharya (24 N.).
	6-8-24	L. M. Davies (24 N.).
	3-12-24	G. Roerich (28 F.).
40	4-2-25	B. S. Guha (40 N.).
	6-6-27	B. D. Jain (28 R.).
	4-7-27	C. Chakravarti (41 N.).
	5-12-27	Sir Chhajuram Chowdhury (27 R.).
	5-12-27	H.H. Sir Tashi Namgyal (27 N.).
45	5-12-27	H.H. Kunzang Dechhen (27 N.).
	6-2-28	Sir D. Ezra (28 R.).
	6-2-28	Sir Kaiser Shumsher Jung Bahadur Rana (28 N.).
	2-7-28	N. Roerich (28 F.).
	5-11-28	W. Reinhart (28 F.).
50	4-11-29	G. de P. Cotter (32 N.).
	3-3-30	H. S. Ashton (30 N.).
	5-1-31	P. Evans (31 N.).
	1-6-31	Sir John Lort-Williams (40 N.).
	7-11-32	Suvarna Shumser Jung Bahadur Rana (32 N.).
55	6-2-33	J. C. Ghatak (33 R.).
	5-2-34	H. M. Sale (34 N.).
	5-3-34	H.H. Sir K. Singh (34 N.).
	3-2-41	G. Shastri (41 R.).

SPECIAL ANNIVERSARY HONORARY MEMBERS

(Science.)

Date of Election.	
15-1-34	Prof. Albert Einstein, c/o Princeton University, New Jersey, U.S.A.
15-1-34	M. A. Lacroix, Secretaire Perpetual, Academie des Sciences, Paris.
15-1-34	Sir Sydney Burrard, K.C.S.I., F.R.S., Foxhill, Salisbury Road, Farnborough, Hants, England.
15-1-34	Dr. Sir Sven Hedin, Stockholm, Sweden.

(Letters.)

15-1-34	Sir John Marshall, Kt., c/o Messrs. Grindlay & Co., Ltd., 54, Parliament Street, London.
15-1-34	Prof. Taha Hosain, Cairo.
15-1-34	Prof. Arthur Christensen, 62, Raadhusvej, Charlottenlund, Denmark.
15-1-34	Dr. J. Van Kan, President, Royal Society of Arts and Letters, Batavia, Java.
15-1-34	H.R.H. Prince Damrong Rajanubhab of Siam, Siam.

ASSOCIATE MEMBERS

Date of Election	
1-2-22	*Pierre Johanns, Rev., S.J., B.Litt. (Oxon), *Professor of Philosophy*. St. Xavier's College, 30, Park Street, Calcutta.
1-2-22	*Anantakrishna Sastri, Mahamahopadhyaya, Vedanta-visarada, *Lecturer in Sanskrit, Calcutta University*. 32, College Square, Calcutta.
2-12-29	† Sarat Chandra Roy, Rai Bahadur, M.A., B.L., *Editor*, '*Man in India*'. Church Road, Ranchi.
6-3-39	Rev. William Pettigrew, 54, Grinsdyke Road, Hatch End, Middlesex, England.
4-12-39	Miss Maude Lina West Cleghorn, F.L.S., F.E.S. The Retreat, Behala, 24-Pergs.
4-3-40	Mrs. E. W. E. Macfarlene, D.Sc., c/o Burma Shell, Budge Budge.

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* Re-elected for a further period of five years on 5-4-1937 under Rule 2c.

† Re-elected for a further period of five years on 6-3-1939 under Rule 2c.

INSTITUTIONAL MEMBERS

Date of Election.		
28-10-29	Legatum Warnerianum (Oriental Department), University of Leyden, Leyden, Holland.	
2-12-29	Adyar Library, Adyar, Madras S.	
4-5-31	Benares Hindu University Library, Benares.	
1-8-31	Ohtani University Library, Kyoto, Japan.	
7-12-31	Annamalai University Library, Annamalainagar, Chidambaram, S. India.	5
30-10-33	Allahabad University Library, Allahabad.	
30-4-34	Bombay University Library, Bombay.	
6-1-36	Islamia College, Peshawar.	
4-5-36	Patna College, Patna.	
7-12-36	Forest Research Institute, Dehra Dun.	10
4-1-37	Dacca University, Dacca.	
7-6-37	Agra University, Agra.	

ORDINARY FELLOWS

Date of Election.		
2-2-10	Sir Prafulla Chandra Ray, KT., C.I.E., M.A., D.SC., F.N.I.	
7-2-12	C. S. Middlemiss, C.I.E., B.A., F.G.S., F.R.S.	
5-2-13	J. Ph. Vogel, PH.D., LITT.D.	
5-2-13	S. W. Kemp, B.A., D.SC., F.R.S.	
3-2-15	G. H. Tipper, M.A., F.G.S., M.INST.M.M.	5
2-2-16	Sir Richard Burn, KT., C.S.I., I.C.S. (*retired*).	
2-2-16	Sir L. L. Fermor, KT., O.B.E., A.R.S.M., D.SC., F.G.S., M.INST.M.M., F.R.S., F.N.I.	
7-2-17	F. H. Gravely, D.SC., F.N.I.	
6-2-18	J. L. Simonsen, D.SC., F.I.C., F.R.S.	10
6-2-18	D. McCay, M.D., M.R.C.P., I.M.S.	
5-2-19	J. Coggin Brown, O.B.E., M.I.M.E., F.G.S.	
5-2-19	W. A. K. Christie, B.SC., PH.D., M.INST.M.M.	
5-2-19	D. R. Bhandarkar, M.A., PH.D.	
5-2-19	R. B. Seymour Sewell, C.I.E., M.A., SC.D., M.R.C.S., L.R.C.P., F.L.S., F.Z.S., F.R.S., F.N.I., I.M.S.	15
2-2-21	Sir U. N. Brahmachari, KT., M.A., PH.D., M.D., F.S.M.F., F.N.I.	
1-2-22	Ramaprasad Chanda, B.A.	
7-2-27	Johan van Manen, C.I.E.	
6-2-28	H. E. Stapleton, M.A., D.LITT., B.SC., I.E.S. (*retired*).	
6-2-28	B. Prashad, D.SC., F.Z.S., F.R.S.E., F.N.I.	20
6-2-28	C. A. Bentley, C.I.E., M.B., D.P.H., D.T.M. & H.	
4-2-29	Sir Albert Howard, KT., C.I.E., M.A.	
4-2-29	J. H. Hutton, C.I.E., M.A., D.SC., I.C.S.	
4-2-29	Sir Edward D. Maclagan, K.C.S.I., K.C.I.E.	
3-2-30	G. de P. Cotter, B.A., SC.D., M.INST.M.M., F.G.S.	25
3-2-30	S. L. Hora, D.SC., F.Z.S., F.R.S.E., F.N.I.	
3-2-30	J. P. Mills, I.C.S., M.A., J.P., F.N.I.	
3-2-30	Meghnad Saha, D.SC., F.R.S., F.N.I.	
2-2-31	S. Krishnaswami Aiyangar, M.A., PH.D., F.R.HIST.S.	
2-2-31	Sir R. N. Chopra, K.T., C.I.E., M.A., M.D., SC.D., F.N.I., I.M.S.	

	Date of Election.	
30	2-2-31	R. B. Whitehead, I.C.S. (*retired*).
	1-2-32	J. Bacot.
	6-2-33	Percy Brown, M.B.E., A.R.C.A.
	6-2-33	Ordhendra Coomar Gangoly, B.A.
	6-2-33	Ghulam Yazdani, M.A.
35	5-2-34	D. N. Wadia, M.A., B.SC., F.R.G.S., F.N.I.
	3-2-36	Suniti Kumar Chatterji, M.A., D.LITT.
	3-2-36	A. M. Heron, D.SC., F.G.S., F.R.G.S., F.R.S.E., F.N.I.
	3-2-36	Habib-ur-Rahman Shirwani.
	15-2-37	K. N. Bahl, D.SC., D.PHIL., F.N.I.
40	15-2-37	K. N. Dikshit, M.A.
	15-2-37	N. N. Law, M.A., B.L., PH.D.
	15-2-37	J. N. Mukherjee, D.SC., F.C.S., F.N.I.
	6-2-39	C. S. Fox, D.SC. M.I.M.E., F.G.S., F.N.I.
	6-2-39	B. S. Guha, M.A., PH.D., F.N.I.
45	5-2-40	U. N. Ghoshal, M.A., PH.D.
	5-2-40	B. C. Law, M.A., B.L., PH.D., F.R.HIST.S.
	5-2-40	R. C. Majumdar, M.A., PH.D.
	5-2-40	H. S. Pruthi, M.SC., PH.D., F.N.I.

HONORARY FELLOWS

	Date of Election.	
	4-2-20	Sir Aurel Stein, K.C.I.E., PH.D., D.LITT., D.SC., D.O.L., F.B.A. c/o Indian Institute, Oxford, England.
	4-2-20	A. Foucher, D.LITT. Boulevard Raspail 286, Paris, XVI^e.
	4-2-20	Sir Arthur Keith, M.D., F.R.C.S., LL.D., F.R.S.A. Royal College of Surgeons of England. Lincoln's Inn Fields, London, W.C. 2.
	4-2-20	R. D. Oldham, F.R.S., F.G.S., F.R.G.S. 1, Broomfield Road, Kew, Surrey, England.
5	4-2-20	Sir David Prain, KT., C.M.G., C.I.E., M.A., M.B., LL.D., F.R.S.E., F.R.S., F.L.S., F.Z.S., M.R.I.A., LT.-COL., I.M.S., *Late Superintendent, Royal Botanic Garden, Calcutta,* and *Director, Botanical Survey of India,* and *late Director, Royal Botanic Gardens, Kew.* Royal Botanic Gardens, Kew, Surrey, England.
	4-2-20	Sir Joseph Larmor, KT., M.A., D.SC., LL.D., D.C.L., F.R.S., F.R.A.S., St. John's College, Cambridge, England.
	4-2-20	J. Takakusu. Imperial University of Tokyo, Tokyo, Japan.
	2-3-21	F. W. Thomas, C.I.E., M.A., PH.D., *Boden Professor of Sanskrit, University of Oxford.* 161, Woodstock Road, Oxford, England.
	7-6-22	Sir Thomas Holland, K.C.S.I., K.C.I.E., D.SC., F.R.S. *Principal,* University of Edinburgh, Blackford Brae, Edinburgh.
10	7-6-22	Sir Leonard Rogers, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.S., I.M.S. 24, Cavendish Square, London, 4.
	7-1-25	Sten Konow. Ethnographisk Museum, Oslo, Norway.
	7-3-27	Rt. Hon'ble The Earl of Lytton, P.C., G.C.S.I., G.C.I.E. Knebworth, Herts, England.
	5-5-30	R. Robinson, D.SC., F.R.S. Dyson Perrins Laboratory, South Parks Road, Oxford, England.
	7-2-38	Rt. Hon'ble Sir John Anderson, P.C., G.C.B., G.C.I.E., *Lord Privy Seal.* 11, Cheapstow Vilas, London, S.W.
15	4-9-39	Sir S. Radhakrishnan, KT., M.A., D.LITT., *Vice-Chancellor, Benares Hindu University.* Benares.

Date of Election.	
4-9-39	PROF. DR. HEINRICH LUEDERS, Germany.
4-9-39	THE MOST HON'BLE THE MARQUESS OF ZETLAND, P.C., G.C.S.I., G.C.I.E. Aske, Richmond, Yorkshire, England.
4-9-39	SIR JADUNATH SARKAR, KT., C.I.E., M.L.C., M.A., D.LITT. 169, Southern Avenue, Kalighat, Calcutta.

CHANGES IN MEMBERSHIP

Loss of Members during 1941.

By Retirement.

Ordinary Members.

1. Sir George Campbell. (1929.)
2. Sir S. Radhakrishnan. (1939.)
3. E. M. Groth. (1935.)
4. S. K. Chakravarti. (1933.)
5. J. C. Bhose. (1931.)

Associate Member.

1. L. S. Dugin. (1934.)

By Death.

Ordinary Members.

1. G. S. Dutt. (1933.)
2. Tarapada Ghose. (1912.)
3. Maharajadhiraj Sir B. C. Mahtab. (1911.)
4. M. E. Sufi. (1937.)
5. M. Hidayat Hosain. (1911.)
6. S. K. Mukherjee. (1927.)

Honorary Fellows.

1. Charles Rockwell Lanman. (1896.)
2. Sir George A. Grierson. (1904.)
3. Sir James Frazer. (1920.)

Under Rule 38.

1. M. L. Bhatia. (1926.)
2. P. L. Jaitly. (1928.)
3. H. C. Mandhata. (1936.)
4. Abinash Ch. Ray. (1924.)
5. Rai Mahasai K. Deb. (1925.)
6. Mukul Dey. (1934.)

UNDER RULE 40.

1. P. N. Banerjee. (1924.)
2. H. Crookshank. (1925.)
3. A. H. Harley. (1912.)
4. L. E. Harris. (1928.)
5. Major M. F. C. Martin. (1930.)
6. H. Richter. (1934.)
7. Jaipal Singh. (1929.)
8. G. Tucci. (1928.)
9. T. Williams. (1928.)
10. Rai Bahadur S. K. Bhuyan. (1934.)
11. C. C. Calder. (1913.)

MEDALLISTS

ELLIOTT GOLD MEDAL AND CASH

Recipients.

1893	Chandra Kanta Basu.
1895	Yati Bhusana Bhaduri.
1896	Jnan Saran Chakravarti.
1897	Sarasi Lal Sarkar.
1901	Sarasi Lal Sarkar.
1904	Sarasi Lal Sarkar.
	Surendra Nath Maitra.
1907	Akshoy Kumar Mazumdar
1911	Jitendra Nath Rakshit.
	Jatindra Mohan Datta.
1913	Rasik Lal Datta.
	Saradakanta Ganguly.
	Nagendra Chandra Nag.
	Nilratan Dhar.
1918	Bibhutibhushan Dutta.
1919	Jnanendra Chandra Ghosh.
1922	Abani Bhusan Datta.
1923	Bhailal M. Amin.
1926	Bidhu Bhusan Ray.
1927	Kalipada Biswas.
1931	T. C. N. Singh.
1932	P. N. Das-Gupta.
1933	Nirmal Kumar Sen.
1934	D. P. Roy Chowdhury.
1935	Kalipada Biswas.
1937	Pulin Behari Sarkar.
1939	P. K. Chatterjee.

BARCLAY MEMORIAL MEDAL

Recipients.

1901	E. Ernest Green.
1903	Sir Ronald Ross, KT., K.C.B., C.I.E., K.C.M.G., M.R.C.S., F.R.C.S., D.P.H., LL.D., D.SC., M.D., F.R.S.
1905	D. D. Cunningham, C.I.E., F.R.S.
1907	A. W. Alcock, C.I.E., M.B., LL.D., F.R.S.
1909	Sir David Prain, KT., C.I.E., C.M.G., M.A., M.B., LL.D., F.R.S.E., F.L.S., F.Z.S., M.R.I.A., F.R.S.
1911	Carl Diener.
1913	William Glen Liston, C.I.E., M.D., D.P.H.
1915	J. S. Gamble, C.I.E., M.A., F.R.S.
1917	H. H. Godwin-Austen, F.R.S., F.Z.S., F.R.G.S.
1919	N. Annandale, C.I.E., D.SC., C.M.Z.S., F.L.S., F.R.S., F.A.S.B.
1921	Sir Leonard Rogers, KT., C.I.E., M.D., B.S., F.R.C.P., F.R.C.S., F.R.S.
1923	Sir Samuel Christophers, KT., C.I.E., O.B.E., F.R.S., F.A.S.B., M.B., LT.-COL., I.M.S.

यह पुस्तक वितरित न की जाय
NOT TO BE ISSUED

1925 J. Stephenson, C.I.E., B.SC., M.B., CH.B., F.R.S., F.R.C.S., F.R.S.E., LT.-COL., I.M.S.
1927 S. W. Kemp, B.A., D.SC., F.R.S., F.A.S.B.
1929 Sir Albert Howard, KT., C.I.E., M.A., F.A.S.B.
1931 R. B. Seymour Sewell, C.I.E., M.A., SC.D. (CANTAB.), M.R.C.S., L.R.C.P., F.Z.S., F.L.S., F.R.A.S.B., F.R.S., LT.-COL., I.M.S.
1933 R. Row, O.B.E., D.SC.
1935 B. Sahni, M.A., SC.D. (CANTAB.), D.SC., F.G.S., F.R.S., F.R.A.S.B.
1937 R. N. Chopra, C.I.E., M.A., M.D. (CANTAB.), F.R.A.S.B., BT.-COL., I.M.S.
1939 Major-General R. McCarrison, KT., C.I.E., M.D., D.SC., F.R.C.P., LL.D., K.H.P., I.M.S. (RETD.).

SIR WILLIAM JONES MEMORIAL MEDAL

RECIPIENTS.

1927 Sir Malcolm Watson, KT., LL.D. (HON.), M.D., C.M., D.P.H.
1928 Sir George A. Grierson, K.C.I.E., O.M., PH.D., D.LITT., LL.D., F.B.A. (HON.), F.R.A.S.B., I.C.S. (*retired*).
1930 Dr. Felix H. D'Herelle.
1932 Dr. C. Snouck Hurgronje.
1934 Rai Sir Upendra Nath Brahmachari, Bahadur, KT., M.A., M.D., PH.D., F.S.M.F., F.R.A.S.B.
1937 Prof. Dr. A. J. Wensinck.
1940 Sir Prafulla Chandra Ray, KT., C.I.E., D.SC., F.R.A.S.B., F.N.I.

ANNANDALE MEMORIAL MEDAL

RECIPIENTS.

1927 Fritz Sarasin.
1930 Dr. Charles Gabriel Seligman, M.D., F.R.C.P., F.R.S.
1933 Dr. Eugène Dubois.
1936 Dr. John Henry Hutton, C.I.E., I.C.S. (*retired*), M.A., D.SC., F.R.A.S.B.
1939 Prof. Frank Weidenreich.

JOY GOBIND LAW MEMORIAL MEDAL

RECIPIENTS.

1929 Max Weber.
1932 Dr. Ernst J. O. Hartert, PH.D.
1935 Prof. Leo Semenowitch Berg.
1938 Dr. Baini Prashad, D.SC., F.Z.S., F.R.S.E., F.R.A.S.B.

PAUL JOHANNES BRÜHL MEMORIAL MEDAL

RECIPIENTS.

1931 Rev. Ethelbert Blatter, S.J.
1934 Isaac Henry Burkill, M.A.
1938 Sir David Prain, KT., F.R.S.

INDIAN SCIENCE CONGRESS MEDAL, CALCUTTA

RECIPIENTS.

1935 Meghnad Saha, D.SC., F.R.S., F.R.A.S.B.
1938 Sir James H. Jeans, D.SC., SC.D., LL.D., F.I.C., F.R.S.

यह पुस्तक वितरित न की जाय
NOT TO BE ISSUED

PROCEEDINGS OF THE ORDINARY MONTHLY MEETINGS, 1941

JANUARY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 6th January, 1941, at 5-30 P.M.

PRESENT

PERCY BROWN, ESQ., A.R.C.A., M.B.E., F.R.A.S.B., Member of Council, in the Chair.

Members :

Anderson, Mr. J.
Biswas, Dr. Kalipada
Bruce, Lt. A. E. R.
Chakravarti, Prof. C.
Chatterjee, Mr. B. C.
Chatterji, Dr. S. K.
De, Mr. J. C.
Ghoshal, Dr. U. N.
Guha, Dr. B. S.
Gurner, Mr. C. W.
Haq, Prof. M. M.
Isch-Wall, Lt. C.
Majumdar, Mr. J.

Visitors :

Hosain, Syed Mohd.
Mukherjee, Mr. S. K.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following five presentations of books, etc. which had been kept on the table for inspection :—

(1-2) From the Japanese Consulate-General— Hirshige, 2 vols.'.
(3-4) From the Govt. of Bengal—'Press List of Ancient Documents, Vol. 13, pt. 2 and Catalogue of Indian Insects'.
(5) From the Government of India— Index, Land Revenue Records'.

The General Secretary reported that no application for Ordinary Membership had been received since the previous meeting.

The General Secretary announced the following loss of membership since the previous meeting by death:—

1. J. W. L. Grieve (Life member, 1900).
2. Dr. C. G. Seligman (Recipient of the Annandale Memorial Medal, 1930).

The Chairman called upon Dr. B. S. Guha to read an obituary notice of the late Sir J. J. Thomson, prepared by Dr. M. N. Saha (see page 195).

The General Secretary reported that there had been no loss of membership since the previous meeting by resignation.

The General Secretary announced the following lapses of election, since the previous meeting, under Rule 7:—

1. Rai Bahadur Diwan Khilanda Ram.
2. Dr. Ajit Mohan Bose.
3. Prof. Ganda Singh.
4. O. P. Bhatnagar.
5. K. B. Srinivasan.
6. K. R. Venkataraman.
7. Bisveswar Chakravarti.
8. Mohd. Gholam Akbar.
9. Mohd. Osman.
10. Sukumar Ray.
11. Dr. Mahdi Husain.
12. K. C. Chatterji-Shastri.
13. Nityananda Kanungo.

The General Secretary reported that there had been no withdrawals of application since the previous meeting.

In accordance with Rule 38, the General Secretary announced that the names of the following six members whose names had, since the last Ordinary Meeting, been suspended as defaulters within the Society's building, had now been removed as defaulters from the Society's registers for non-payment of dues:—

1. M. L. Bhatia.
2. P. L. Jaitly.
3. H. C. Mandhata.
4. Abinash Ch. Ray.
5. Raja Kshitindra Dev.
6. Mukul Dey.

The Chairman called upon the following to read their papers:—

1. UMES CHANDRA CHAUDHURY.—*Some Observations on Two Copper-plate Grants from Bhatera, Sylhet District, Assam.*

The boundaries of the district of Sylhet. The claim of the copper-plates being the oldest historical records of the district. The copper plates begin by giving eulogistic description of a royal family. They record gifts of land to the extent of about 1,500 acres, of houses, kitchens, slaves, etc., to the deities Vateswara Siva and Kamala Kanto Madhukaitabhari Narayana. Plots of land in the gift are spread over the different parts of the district over 51 villages and these are in the sub-divisions of Habiganj, South Sylhet, North Sylhet and Karimganj and some even in the plains of the district of Cachar.

2. Chintaharan Chakravarti.—*Panegyric of Malaivamma.*

Unique character of the panegyric consisting of eighty-four verses, which form a part of a Tantric work, commentary on the Yantra section of the Sivatandavatantra by Premanidhi Pantha. The description of each Yantra in the commentary is followed by a reference to the author's patron, Malaivamma (18th century) or one of his ancestors, children or relatives represented as having obtained success through the worship of the Yantra under description. The panegyric gives a detailed genealogical account of Malaivamma, a ruler of territories included in the Chaubisi states of the Sapta Gandaki Pradesh of the modern kingdom of Nepal, going as far back as his eleventh ancestor and as far down as his grandsons. The paper concludes with an account of the author and the many works composed by him.

The Chairman called upon the following to show and comment upon his exhibit:—

1. S. K. Chatterji.—*A Bengali Reader published in Petrograd in* 1922.

This is a Reader in modern Bengali published from Petrograd in 1922 by Prof. Michael Tubianski, Lecturer in Bengali in the Oriental Academy of Petrograd. There is an introduction in Russian and some transcriptions in the Roman script and the comparison between Bengali and Sanskrit in parallel columns giving a selection from the Hitopadesa in Bengali and some pieces from Bengali literature including modern writers. The whole thing has been reproduced in lithograph, evidently in compiler's handwriting. This interesting document of the language and literature of Bengal in Soviet Russia is noteworthy.

The Chairman called upon the following to read their communications:—

1. Chintaharan Chakravarti.—*Sanskrit Manuscripts in the Royal Asiatic Society of Bengal.*

The Royal Asiatic Society of Bengal is the custodian of one of the biggest collections of Sanskrit Manuscripts. History of the different collections—Society's own collections, Government collections, Indian Museum collections. Catalogues and notices of the Manuscripts. Manuscripts of a general interest: old Manuscripts of the 7th–12th centuries; illustrated Manuscripts of artistic interest, Manuscripts of works on the game of chess, on warfare, on the Persian language, on stealing, on pornography, on veterinary science and on hawking. Sanskrit texts published from rare or unique manuscripts belonging to the Society. Works published with the help of manuscripts in the possession of the Society.

2. K. BISWAS.—*Introduction and Acclimatisation and Prospects of Cultivation on a Commercial Scale of the Tung Oil yielding Trees in India.*

Tung oil yielding trees belong to the genus Aleurites of the family of Euphorbiceæ. There are 5 species known to science. Of these—3 species were introduced to the Botanic Garden about ½ a century ago. Prolonged experiments and acclimatisation of these species in India indicate that *Aleurites Fordii* and *Aleurites Montana* can be grown in the plains, and also two other species, *A. moluccana* and *trisperma*, are found to grow up to a full-size tree.

About half a ton of seeds was received in 1931 from the Royal Botanic Garden, Kew. These were distributed to the different provinces of India for experimental cultivation in order to ascertain which part of the country proves more favourable for their cultivation. Most of the recipients were different Tea Estates in Assam. Records of successful cultivation are available from the Indian Lac Research Institute, Ranchi, and Sabya Division, Ranchi. The Bhooteachang Tea Company Ld. have also been very successful in the cultivation of both *A. Fordii* and *A. Montana*. The Mysore State in South India also cultivated the Tung oil yielding tree with success.

The analysis of the oil establishes that the standard of Indian oil extracted from the seeds of *A. Fordii*, *A. Montana* and *A. Moluccana* are fairly of a high standard—almost as high as that of Chinese oil.

Different methods of cultivation have been adopted in the different areas and in some cases manuring has been taken recourse to. It must, however, be remembered that ultimately the cultivation of the tung oil tree will have to be left in the hands of villagers, who can ill-afford to spend money in manuring and taking other expensive steps in cultivating the tree. Cultivation of resisting species which can be grown without much attention and care should therefore be encouraged.

The results of cultivation in the different parts of the country during the last decade indicate that *A. Montana* is more vigorous and disease resistant species. It can be grown easily in well-drained soil along the hill-side from an elevation of 1,500 to 4,000 ft. with considerable success. The yield of the fruits is also much higher than that of *A. Fordii*. *A. Moluccana*, as experiments for the last so many years in the Botanic Garden show, is another hardier species which is expected to grow easily under the soil and climatic conditions of the plains of Bengal, Behar, Assam and South India.

The yield of fruits depends on several factors.

From the data gathered hitherto from many sources I am now in a position to declare that there is sufficient prospect of successful cultivation on a commercial scale, of tung oil trees particularly *A. Montana* and *A. Moluccana*. They can be grown in the village shrubberies, in the different Tea estates for plantation purpose or as shade trees and along the portions of the hill-sides which are not productive enough for other profitable plantations. Viable resistant seeds yielding larger quantity of oil may be obtained from experimental cultivation which may conveniently be undertaken by the Forest Department in suitable areas. Tung oil or as it is commonly known the Chinese Wood Oil is of considerable commercial value. There is scarcity of this oil nowadays due to the war in China—the chief source of supply. The United States of America imported tung oil of the value of Rs. 53,514,342 about four years ago. Some time about 10 years ago 50,000 tons of tung oil was exported from China to the United States and about 4,000 tons to the United Kingdom. The various uses of the tung oil, such as in connection with the electrical industry, in the manufacture of oil cloth, water proof, chinese ink, etc., are well known. It is invaluable in the manufacture of paints and varnishes.

There is not much difficulty in the disposal of any possible surplus production as the Advisory Committee on oils and oilseeds (Sub-Committee on Tung Oil) of the Imperial Institute, London, offers sufficient facilities for the marketing of the tung nuts.

The Chairman announced that the Annual Meeting of the Society would be held on Monday, the 3rd February 1941, and invited the members present to communicate with the General Secretary the names and addresses of non-members to whom they would wish invitation to be issued.

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FEBRUARY

An Ordinary Monthly meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, immediately after the termination of the Annual Meeting, for the election of Ordinary Members and transaction of business.

PRESENT

THE HON'BLE MR. JUSTICE JOHN LORT-WILLIAMS, Kt., K.C. President, in the Chair.

Members:

Biswas, Dr. K. P.
Brown, Mr. Percy
Chakladar, Prof. H. C.
Chatterji, Dr. S. K.
Chopra, Bt.-Col. Sir R. N.
Edgley, Hon. Mr. Justice N. G. A.
Guha, Dr. B. S.
Haq, Prof. M. M.
Mukherjee, Dr. J. N.
Nag, Dr. K.
Pasricha, Major C. L.
Prashad, Dr. B.
Saha, Dr. M. N.
Vedantatirtha, Mr. V.
West, Mr. W. D.

The minutes of the last meeting were read and confirmed.

The General Secretary announced that the presentations of books, etc., received since the last meeting would be exhibited in the next monthly meeting.

The General Secretary announced that the following five candidates would be balloted for as Ordinary Members:—

(1) *Rizvi, Moulvi Syed Kasim Hasan*, M.A., Munshi Fazil, B.T., Author, Journalist and Teacher, Najafgarh, Delhi.

Proposer: B. S. Guha.
Seconder: J. C. De.

(2) *Tribedi, B. P.*, M.B. (Cal.), D.B. (Lond.), Professor of Pathology, Medical College, Calcutta and Bacteriologist to the Government of Bengal, Medical College, Calcutta.

Proposer: C. L. Pasricha.
Seconder: B. S. Guha.

(3) *Reddy, B. Ranga*, Joint Revenue Secretary, H.E.H. the Nizam's Government, Bholakpur, Secunderabad, Deccan.

Proposer: J. C. De.
Seconder: B. S. Guha.

(4) *Ray, Nirod Bhushan*, Professor of History, A.M. College, Suburn Road, Mymensingh.

Proposer: B. S. Guha.
Seconder: J. C. De.

(5) *Shastri, Gangeyanarottam*, Kavyatirtha, Kavicakracudamani, Landholder, Gangeya Bhawan, 280, Chittaranjan Avenue, Calcutta.

Proposer: Hirendranath Datta.
Seconder: Chintaharan Chakravarti.

The General Secretary announced that since the previous meeting: (*a*) there had been no loss of members either by death or by resignation; (*b*) there had been no lapses of election under Rule 9; and (*c*) there had been no withdrawals of application.

The Chairman announced the result of the ballot for the election of the Ordinary Members and declared that all the candidates had been duly elected.

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MARCH

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members:

Bose, Mr. S. M.
Bruce, Lt. A. E. R.
Chakravarti, Prof. C.
Chatterjee, Mr. B. C.
De, Mr. J. C.
Guha, Dr. B. S.
Hobbs, Major H.
Hora, Dr. S. L.
Majumdar, Mr. J. M.
Mukherjee, Dr. J. N.
Pasricha, Major C. L.
Saha, Dr. M. N.
Sastri, Mr. G. N.
Tribedi, Mr. B. P.
West, Mr. W. D.

Visitors:

Sen-Gupta, Mr. P. C.
Szclechaw, Mr. M.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following ten presentations of books, etc. which had been placed on the table for inspection:—

(1) From Government of India—'Manual of Rules regulating access to Archives in India and Europe'.

(2) From Mr. P. B. Chakravarti—'Doctrine of Sakti in Indian Literature'.

(3) From Mr. D. J. P. Andrade—'The Portuguese and P. John of Abyssinia'.

(4) From Mr. V. Melkonian—'The Grass-folk or Notes on Bhaktiaries'.

(5) From Government of Madras—'Annual Report on South Indian Epigraphy'.

(6) From Trustees Bashford Dean Memorial—'Archaic fishes'.

(7) From Koninlisch Bataviaasch Genootschap, Java—'Beschrijving der Handschiften'.

(8) From Trustees Gibb Memorial Series—'Mathnawi of Jalalludin Rume, IV, 8'.

(9) From Dr. M. Z. Siddiqi—'As-Saiyarul Hathith.

(10) From Trustees Gibb Memorial Series—'Kitab-Ar-Riaya'.

The General Secretary announced that the following two candidates would be balloted for as Ordinary Members:—

(6) *Mitra, Miss Priti,* M.A., Research Student, 14, Chowringhee Terrace, Calcutta.

Proposer: J. C. De.
Seconder: Chintaharan Chakravarti.

(7) *Hasan, Manzoor,* M.A., M.O.L., Munshi Fazil (Punjab University), Lieut., A.I.R.O., 136, Jhowtola Road, Calcutta.

Proposer: A. E. R. Bruce.
Seconder: Claude Isch-Wall.

The General Secretary reported that there had been no loss of membership since the previous meeting by resignation.

The General Secretary announced the following loss of membership, since the previous meeting, by death:—

Dr. Sushil Kumar Mukherjee (Ordinary Member, 1927).

The General Secretary reported that since the previous meeting there had been no lapses of election under Rule 9 and that there had been no withdrawals of application.

The General Secretary announced the composition of various Standing Committees of the Society for 1941-42 to be as follows:—

Finance Committee:

President
General Secretary } *Ex-officio.*
Treasurer
Dr. C. S. Fox.
Dr. S. C. Law.
Dr. S. P. Mookerjee.
Dr. J. N. Mukherjee.
Major C. L. Pasricha.
Mr. C. W. Gurner.

Library Committee:

President
General Secretary } *Ex-officio.*
Treasurer
Philological
Jt. Philological
Biological
Physical Science
Anthropological
Medical } *Secretaries.*
Library
Philosophical
Historical and Archaeological
Khan Bahadur K. M. Asadullah
Prof. M. Z. Siddiqi.

Publication Committee:

President
General Secretary } *Ex-officio.*
Treasurer
Philological
Jt. Philological
Biological
Physical Science
Anthropological } *Secretaries.*
Medical
Library
Philosophical
Historical and Archaeological

Bibliotheca Indica Committee:

President } *Ex-officio.*
General Secretary }
Treasurer }
Dr. S. K. Chatterji.
Prof. M. Mahfuz-ul Haq.
Dr. B. C. Law.
Sir S. Radhakrishnan.
Sir Jadunath Sarkar.
Dr. M. Z. Siddiqi.
Hon. Mr. Justice N. G. A. Edgley.
Mr. T. N. Ramchandran.
Prof. V. Vedantatirtha.

The Chairman called upon the following to read their papers:—

1. C. L. Pasricha.—*A Note on the History of Bacteriology and some of the Early Workers in India.*

After briefly indicating the growth of the science of bacteriology during the nineteenth century, short biographical records are given of seventeen of the earlier workers in bacteriology who came to India. These workers contributed in no small measure to the development of the science of bacteriology more particularly in applied medical bacteriology. India has played an important rôle in two ways, firstly the presence of epidemic diseases and secondly the facilities for large scale trials under controlled conditions and with reasonable facilities for collecting data. The fact that of the 330 early workers who have found place in Bulloch's history of bacteriology seventeen workers came to India is sufficient justification for India to feel proud of the facilities that she had been able to offer these workers and thus to the development of the science of bacteriology.

2. P. C. Sen-Gupta.—*The Solar Eclipse in the Ṛg-Veda and the Date of Atri.*

This paper presents a solution of an unsolved problem in Indian Chronology. The first attempt was made by the late Prof. Ludwig of Prague in May of the year 1855 A.D. in his paper 'On the mention of solar eclipses in the Ṛg-veda', written with the assistance of the Viennese astronomer Oppolzer. In the JAOS of the same year for October, Whitney severely criticised the paper and concluded by saying 'that no result possessing even a presumptive value as bearing on ancient Hindu chronology has been reached by his investigation'. Lanman wrote a paper in the Festscrift-Roth in the year 1893 pointing out a parallel to the Ṛg-veda solar eclipse in the Buddhist work *Saṁyukta Nikāya*, II, 1, 10. Mr. Sen-Gupta is not aware of the work of other researchers who may have made an attempt to solve this problem.

The present author has evolved from the Ṛg-veda and the Ṛgveda Brāhmanās that the solar eclipse described in the Ṛg-veda V, 40, (*a*) must have happened either on the correctly determined summer solstice day or on the day following, (*b*) that it was a central solar eclipse, (*c*) it ended in the fourth part of the day of the meridian of Kurukṣetra, (*d*) it was observed by Atri from the foot of a snow capped peak either of the Himālayās or of the Kārakoram range, (*e*) that at the place of Atri the eclipse did not reach the totality and (*f*) that the eclipse must have happened between 4000 B.C. and 2400 B.C., when the word *Viṣuvānt* had its oldest meaning, *viz.*, the summer solstice day. Mr. Sen-Gupta has done, according to his estimate, a complete survey of all the central solar eclipses happening on the summer solstice day within the above range and has found that the eclipse in question admits of a unique solution—that *it happened on the* 26th *July*, 3928 B.C., and no other central solar eclipse occurring within the range established meets all the conditions set forth above.

The author comes to the conclusion that this 3928 B.C., was about the time of the first Aryan colonisation of the Punjab. The date does not admit of being raised or lowered, if the most up to date astronomical constants are correct for all times past, present or future.

The circumstances of this eclipse have been calculated for the meridian of Kurukṣetra and for the latitudes of 33°½ N and 35°½ N.

The paper has three appendices, in the last of which Mr. Sen-Gupta has shown a method of finding a central solar eclipse near a past date.

3. MUKUNDAMURARI CHAKRAVARTY.—*Observations on two Myxosporidians* Zschokkella lissemysi *n. sp. from the gall-bladder of the tortoise* Lissemys punctata *and* Zschokkella auerbachi (*Weill*) *from the gall-bladder* of Bufo melanostictus *with a note on the genus* Zschokkella auerbach.

A discussion on the genera *Cystodiscus* and *Zschokkella* is dealt with in detail.

An amended definition of the genus *Zschokkella*, especially in reference to the characteristics of the spores, is proposed.

A new myxosporidian, *Zschokkella lissemysi* n. sp. is described in detail. The main observations are:

(*a*) amœboid uninucleate trophozoites are described;

(*b*) the spores are ovoidal and are characterised by the presence of a lid, striations on the shell, equal and spherical polar capsules, each of which is provided with a fine duct.

Zschokkella prasadi reported by Ray is synonymous with *Zschokkella auerbachi* (Weill) as the spores of these two myxosporidians resemble one another.

Zschokkella auerbachi (Weill) is reported and described from a new host *Rana limnocharis*.

4. N. B. Roy.—*Futuhat-i-Firuz-shahi*.

The Chairman announced the result of the ballot for election of the Ordinary Members and declared that all the candidates had been duly elected.

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APRIL

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, at 5-30 P.M.

PRESENT

Suniti Kumar Chatterji, Esq., M.A., D.Litt., F.R.A.S.B., Philological Secretary, in the Chair.

Members:

Bruce, Lt. A. E. R.
Chakravarti, Prof. C.
Chatterjee, Mr. B. C.
Cleghorn, Miss M. L.
De, Mr. J. C.
Guha, Dr. B. S.
Hobbs, Major H.
Hosain, Dr. M. H.
Macfarlane, (Mrs.) Dr. E. W. E.
Majumdar, Mr. J. M.

Visitor:

Cleghorn, Miss O.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following fourteen presentations of books, etc. which had been placed on the table for inspection:—

(1) From Trustees of Prince of Wales Museum, Bombay—'Annual Report, 1939-40'.

(2) From D. J. P. Andrade, Esq.—' Historical study of the Rosary'.

(3) From Government of India—'Calendar of Persian Correspondence, Vol. VII'.

(4–11) From President, Advaita Ashrama, Almora—'Complete works of Swami Vivekananda, 7 vols. and index'.

(12) From Madras University—'Origin and early history of Saivaism in South India'.

(13) From local American Consul—'Tepe Hissan Excavations of 1931'.

(14) From Calcutta University—'Buddhi and Bodhi'.

The General Secretary announced that the following six candidates would be balloted for as Ordinary Members:—

(8) *Jamal-ud-Din, Lieut.-Col.*, I.M.S., Civil Surgeon, Rawalpindi.

Proposer: M. Hidayat Hosain.
Seconder: B. S. Guha.

(9) *Melkonian, Vartan, C.* 173, Margil, Basra, Iraq.

Proposer: B. S. Guha.
Seconder: M. Hidayat Hosain.

(10) *Roxburgh, The Hon'ble Mr. Justice T. J. Y.*, C.I.E., I.C.S., Additional Judge, High Court, Calcutta, 6, Lee Road, Calcutta.

Proposer: The Hon'ble Mr. Justice N. G. A. Edgley.
Seconder: L. R. Fawcus.

(11) *Baker, Ernest Brain Hindley*, I.C.S., Addl. Secretary to H.E. the Governor, 6, Wellesley Place, Calcutta.

Proposer: The Hon'ble Mr. Justice N. G. A. Edgley.
Seconder: L. R. Fawcus.

(12) *Malik, A. R.*, Senior Marketing Officer, Bengal, 11, Circus Row, P.O. Circus, Calcutta.

Proposer: S. L. Hora.
Seconder: B. S. Guha.

(13) *Vicary, Thomas C.*, M.A. (Lond.), A.K.C., Missionary, Principal, Union Christian Training College, Berhampore, Bengal.

Proposer: W. J. Culshaw.
Seconder: B. S. Guha.

The General Secretary announced the following loss of membership since the previous meeting by death:

Sir George A. Grierson, O.M. (Hon. Fellow, 1904).

The General Secretary reported that since the previous meeting: (*a*) there had been no loss of membership by resignation; (*b*) there had been no lapses of election under Rule 9; and (*c*) there had been no withdrawals of application.

The Chairman called upon the following to read their papers:—

1. CHRISTOPH VON FÜRER-HAIMENDORF.—*Seasonal Nomadism and Economics of the Chenchus of Hyderabad.*

Of all the aboriginal tribes of the Deccan the Chenchus are racially and culturally the most primitive, and though at present they form but a small group, they may be considered as representative of those larger populations of hunters and collectors that roamed the jungles of the tableland when the first invaders of higher culture penetrated the country south of the Godavari. While other tribes lost their social and economic independence and were gradually absorbed within the cultural system of the new-comers, the Chenchus of Hyderabad remained comparatively isolated until recent times. During the last few generations, however, with the exploitation of the forest and the intrusion of outsiders this isolation had greatly disappeared. These 'jungle Chenchus', as they may be conveniently called, as distinct from the Chenchus dwelling in or near the villages of Telugu cultivators or in the settlements created by the Forest Authorities of Madras, number at present 426 men, women and children. They inhabit the upper part of the Amrahbad Plateau in the Mahbubnagar District of Hyderabad, an area of about 320 sq. miles on the northern bank of the Kristna River.

The Chenchus still speak of a time when their ancestors owned no houses, but lived under trees and in rock shelters. That this does not lie very far is borne out by a passage in Ferishta's 'History of the Deccan', who describes them as 'living in caverns and under the shady branches of trees'.

The economic system of the Chenchus is essentially that of a tribe of hunters and food collectors. For the Chenchus depend for nine-tenths of their food-supply on that which nature provides and it is only a limited number of families, who by owning a few domestic animals are now in the process of emerging from this lowest and primeval stage of human development.

Before the Chenchus came in contact with races of higher developed culture, trade and barter was probably non-existent. But this condition must have prevailed in very early times, for during the immediate past the Chenchus must have depended on barter to obtain the knives, axe-heads and iron for arrow-tips, which have formed indispensable parts of their equipment. The commodities he tendered in exchange for these goods were undoubtedly forest produce, such as honey, wax and fruits, and sometimes perhaps even venison. Growing contact with their neighbours has induced many of them to leave the jungle and settle in the villages of the plains. But those, who to-day still live in the hills, cling tenaciously to their old forest life and scorn the idea that they too might exchange it for a more settled existence. Their old social organisation has remained intact and their economics are still what they have been since time immemorial—the economics of a tribe of primitive food-gatherers.

2. W. J. Culshaw.—*Some Beliefs and Customs relating to Birth among the Santals.*

In this paper an account is given of preparations for the birth of a child in a Santal home, including the taboos observed by the parents during the mother's pregnancy, and various beliefs relating to it. An account is given of the mode of birth, and also of the ceremonies which follow it. This is accompanied by a translation of an account given by a Santal seventy years ago, and a comparison of it with present conditions. The rites are viewed from the points of view of the infant, his parents and the community.

Some account is also given of Santal customs relative to naming, and a reference is made to the problem of illegitimate children.

3. S. L. HORA and J. C. GUPTA.—*On a Collection of Fish from Kalimpong Duars and Siliguri Terai, North Bengal.*

Attention is directed to the great importance of the study of the fish-fauna of the Eastern Himalayas and notes are given on the physical conditions of the parts of the Kalimpong Duars and of the Siliguri Terai in which collections were made. The fish-fauna is roughly divided into ecological associations and a reference is also made to the methods of collecting fish.

A list of 58 species is given and additions and alterations made in a list of 131 species of fish of Northern Bengal published by Messrs. Shaw and Shebbeare in 1938 are explained. Taxonomic notes are given on *Lepidocephalus guntea* (Hamilton), *Semiplotus semiplotus* (McClelland) and *Barbus* (*Puntius*) *titius* Hamilton.

The Chairman called upon the following to show and comment upon his exhibit:—

1. J. C. DE.—*Letter to Lord Clive dated the 4th July*, 1766.

A letter was addressed to Lord Clive and Council of Fort William on the 4th July, 1766, by Walter Wilkins, apparently a salt-agent stationed at 'Luckipore'. A ship called the 'Falmouth Indiaman' had become 'stranded' somewhere near the mouths of the 'Raymungal and Mutwalla Rivers', and the President and Council were anxious to save the passengers and crew of the vessel. They had written to Wilkins on the 30th June, and 'conformable to (their) orders' Wilkins had sent 'two boats with an European' to the river-mouths with 'instructions to be extremely vigilant in making constant signals by day and night as a guide to the sloops' entrusted with the rescue-work. Circular letters were also forwarded by Wilkins to various 'Zemindars bordering on the Sea Coast' to help the distressed.

The letter now exhibited was found among the old files of the Society. It is an old and very nicely made copy of the original letter written under the direction of 'H. R. R.' The paper has turned yellow through age and was extremely brittle when first seen. It has now been repaired. It bears the

Government of India arms and there are two short notes written by 'H. R. R.' on the third page.

The Chairman announced the result of the ballot for election of the Ordinary Members and declared that all the candidates had been duly elected.

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MAY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 5th, at 5-30 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members :

Chakravarti, Prof. C.
Chatterji, Dr. S. K.
Chopra, Dr. B. N.
Edgley, Hon'ble Mr. Justice N. G. A.
Guha, Dr. B. S.
Gurner, Mr. C. W.
Haq, Prof. M. M.
Hobbs, Major H.
Hora, Dr. S. L.
Hosain, Dr. M. H.
Macfarlane, (Mrs.) Dr. E. W. E.
Rahman, Prof. S. K.
Siddiqi, Dr. M. Z.

Visitor :

Prashad, Mrs. B.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following six presentations of books, etc. which had been placed on the table for inspection:—

(1-2) Indian Science Congress Association—'Proceedings 27th Indian Science Congress', 2 copies.

(3-4) American Consul, Calcutta—'Exposition de l'art populaire Ukrainien' and 'Studien over Palmyreach Skulptur'.

(5) Dept. of Education, Health and Lands, Government of India—'The Voyages of Sir James Lankaster'.

(6) Swami Harisarananda Vaidya—'Kupi-pakkya-Rasa-nirman-vigyan'.

The General Secretary announced that the following candidate would be balloted for as an Ordinary Member:—

(13) *Kirby, Edward Stuart*, Capt., Ph.D., B.Sc. (Econ.), F.R.Econ.S., Indian Army, 12, Russell Street, Calcutta.

Proposer: J. C. De.
Seconder: B. S. Guha.

The Chairman called upon Dr. S. K. Chatterji to read an obituary notice of the late Sir George A. Grierson, O.M. (See page 196.)

The General Secretary reported that since the previous meeting: (*a*) there had been no loss of membership either by death or by resignation; (*b*) there had been no lapses of election under Rule 9; and (*c*) there had been no withdrawals of application.

The Chairman announced the retirement of Pandit Aghornath Bhattacharya, Head Pandit, Society's Sanskrit Department, due to ill-health and old-age; and the appointment of Babu Girijanath Bhattacharya as Pandit in the Sanskrit Section on probation for six months in the junior grade on an initial salary of Rs.50.

The Chairman called upon the following to read their papers:—

1. M. I. BORAH.—*The Life and Work of Amīr Ḥasan Dihlavī.*

Amīr Hasan Dihlavī, son of a Persian emigrant to India, named 'Alā-u'd-Dīn Sijzī, was one of the greatest Indo-Persian poets who flourished during the late seventh and early eighth centuries of the *Ḥijra*. He was born at Delhi in A.H. 615 (A.D. 1253), during the reign of Nāsir-u'd-Dīn Maḥmūd. He began to compose verses when he was a boy of thirteen, and devoted himself to the art of poesy for a period of fifty years. In the prime of his youth he attached himself to the court of Ghiāṣ-ū'd-Dīn Balban and his son, Prince Muḥammad, in whose service he spent five years at Multan, together with his contemporary Amīr Khusraw. After the fall of the House of Balban he lived under the patronage of the Khilji Kings, and at the age of fifty-six he became a disciple of Niẓām-u'd-Dīn Awliyā. He died in A.H. 729 (A.D. 1328) at Dawlatābād when Sulṭān Muḥammad Tughlaq transferred the capital from Delhi and forced its population to migrate there.

His extant poetical works are contained in a *Dīvān* which comprises about ten thousand couplets, containing *Qaṣīdas*, *Ghazals*, *Qiṭa's*, *Rubā'īs*, and a romantic Mathnavī, called *Ḥikāyat-i'Āshiq-i-Nāgūrī*. His prose works that have survived are a short piece of *Marṯhiya* written on the occasion of the death of Prince Muḥammad, and the *Fawā'id-u'l-Fu'ād*, a collection of discourses made by his spiritual guide at a number of successive meetings held during the years A.H. 707–722 (A.D. 1307–22).

2. N. C. CHATTERJEE.—*A Psychological Study of Arithmetical Ability with Reference to the Students of Secondary Schools.*

The work extended over a period of two years 1939 and 1940, and samples of students in Bihar and Bengal were tested in Arithmetic under certain specific conditions uniformly observed. It contains three parts, namely: (1) a standardised objective test in 'reasoning' arithmetic on grade-norm basis, (2) a Psychological analysis of students' responses, and (3) a comparative study of Arithmetical abilities of students in Bihar and Bengal. 73 graduates and 2,404 school students, 1,520 of Patna and 884 of Calcutta, were tested and 29,371 correct responses were carefully scrutinised in connection with the work.

The test has been standardised for the four top classes of the High Schools of Bihar and Bengal, the process of standardisation going through elaborate statistical analysis. Parameters, *e.g.*, mean, median, quartile, sigma, etc., were computed and tabulated for each group and grade-norms determined therefrom. The test has been proved to satisfy the statistical criteria of validity, reliability, representativeness of samples, objectivity and ease of administration and scoring,—the proof being supported by tables and graphs.

About 30 thousand correct responses to the questions were scrutinised and their p.c.'s calculated class by class and question by question, to study psychologically the rate of growth of the students' abilities in arithmetic, the difficulty values of the questions and their educational implications.

A comparative study of the arithmetical abilities of the Bihar and Bengal students clearly shows that in both cases about a year's progress is lost to them during the first two years of their career in the four top classes of the High Schools. Among other things it has come to light that the Bihar students are a bit more serious and laborious than their brothers in Bengal, and that although the innate, general ability of the latter, on the average, is quite high, they are prevented from bringing this into full play due to various extraneous factors.

The Chairman called upon the following to make his communication:—

1. BAINI PRASHAD.—*Birth of Nūr Jahān.*

The published accounts in regard to the birth of the Empress Nūr Jahān, based on some of the contemporary records, are unfortunately very conflicting. An important reference in Khafī Khān's famous history has apparently escaped the attention of previous workers; this clears up the romance in regard to the birth of this great personality, and in view of the information having been supplied to the author by an eye-witness should be accepted as authentic.

The Chairman announced the result of the ballot for election of the Ordinary Member and declared that the candidate had been duly elected.

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JUNE

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 2nd, at 5 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Hon. Treasurer, in the Chair.

Members :

Agharkar, Dr. S. P.
Bruce, Lt. A. E. R.
Chakravarti, Prof. C.
Chatterji, Prof. B. R.
Chatterjee, Mr. P. P.
De, Mr. J. C.
Guha, Dr. B. S.
Hora, Dr. S. L.
Hosain, Dr. M. H.
Macfarlane, (Mrs.) Dr. E. W. E.
Rahman, Prof. S. K.
and others.

Visitors :

Datta, Mr. J. M.
Greval, Lt.-Col. S. D. S.
Greval, Mrs.
Rendall, Mr. J. H.
Roonwal, Dr. M. L.
Kirby, Capt. D. E. S.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following thirteen presentations of books, etc. which had been placed on the table for inspection:—

(1) From George Allen and Unwin, Ltd.—'Islam and Christianity'.

(2) From Mr. Tokuzo Saito—'A primer of modern Japanese language'.

(3) From University of Pennsylvania Press—'The Wragfiyat of Ahmed Pasha'.

(4) From Director of Public Instruction, C.P.—'Korku-Hindi-Eng.-Dictionary'.

(5) From Dr. E. W. Macfarlane—'Love in the Western World'.

(6) From Konink. Bataviaasch Genootschaf, etc.—'Catalogusder Bibliotheek'.

(7-8) From R.A.S.B.—'Index to Vol. 3 of Tabaqat-i-Akbari, Eng.'.

(9-13) From R.A.S.B.—'Des. Cat. of Sans. MSS., Vol. 8, pt. 2', Dharmabindu, Vol. I, fasc. 2 'Avadanakalpalata, Vol. I, fasc. 2', 'Atmatatvaviveka, fasc. 6', and 'Varnaratnakara'.

The General Secretary announced that the following three candidates would be balloted for as Ordinary Members:—

(15) *Laxmiah, Mannay Venkat*, Military Contractor, c/o Lieut. M. G. Raja, A.I.R.O., Assistant Garrison Engineer, Ahmednagar.

Proposer: B. S. Guha.
Seconder: J. C. De.

(16) *Paterson, Edward Alford*, Assistant, Jardine, Skinner & Co., 4, Clive Row, Calcutta.

Proposer: Sir John Lort-Williams.
Seconder: The Hon'ble Mr. Justice N. G. A. Edgley.

(17) *Husen, A.*, H.M.B., M.R.A.S., Medical Practitioner, 24, Zakaria Street, Calcutta.

Proposer: M. Hidayat Hosain.
Seconder: B. S. Guha.

The General Secretary announced the following loss of membership since the previous meeting by death:—

1. Prof. C. R. Lanman (An Hony. Fellow, 1896).
2. Sir James Frazer (An Hony. Fellow, 1920).

The General Secretary reported the following loss of membership since the previous meeting by resignation:—

1. L. S. Dugin (An Associate Member, 1934).

The General Secretary reported that since the previous meeting there had been no lapses of election under Rule 9 and there had been no withdrawals of application.

In accordance with Rule 48(*d*) the General Secretary reported for confirmation by the meeting the following resolutions passed by the Council in its last meeting:—

(1) 'Mr. J. C. De be not confirmed but offered six months' extension on his present salary of Rs.200 per month.'

(2) 'Due to light restrictions the library of the Society will remain open up to 6 p.m. instead of 7 p.m. from 2nd June, 1941.'

Order: Confirm.

The Chairman called upon the following to read his paper:—

1. P. SEN.—*Observations on the method of Carp Culture in the so-called Salt Lakes near Calcutta, with a note on the Fish Fauna of the Lakes.*

The author refers to the physical changes undergone by the so-called Salt Lakes near Calcutta since the silting up of the tidal river Bidyadhari, of which the Salt Lakes formed the spill area. As a result, the salinity of the Lakes has decreased considerably and in consequence the fish-fauna has also changed. Instead of estuarine forms, such as *Lates calcarifer*, *Mugil parsia*, *Hilsa ilisha*, etc. which used to occur in the Lakes, the fauna now consists mainly of freshwater species. A list of 37 species of fish and 6 species of prawns is given.

The present practice of the culture of carps in the Salt Lakes is described, and attention is particularly directed to the supply of food to the fingerlings and the methods adopted in protecting the fry from their natural enemies.

The Chairman called upon the following to show and explain the exhibit:—

1. M. HIDAYAT HOSAIN.—*Tafsīr Nīshāpūrī.*

Among the many Arabic and Persian MSS. in the collection of the Royal Asiatic Society of Bengal there is a Persian commentary of the Qur'ān, named, Tafsīr Nīshāpūrī. Unfortunately this is a fragment of the work—the beginning and the end are wanting. It appears from fol. 360, that the author of the work is Muḥammad bin Maḥmūd Nīsāpūrī and from fol. 293, he was a pupil of Ṣadar al-Islām Qāḍī al-Quḍāt Mas'ūd.

I think most probably the full name of the latter is Mas'ūd bin 'Alī bin Aḥmad al-Baihaqī, died in A.H. 544 (A.D. 1149.) He is also the author of a commentary on the Qur'ān which our author quotes. (*See* Yāqūt, *Irshād al-Arīb*, vol. vii, p. 159.) If this assumption is correct then our author flourished at the latter half of the 6th century Hijra.

The copy belonging to the Society is very valuable on account of the following reasons:—

(1) The commentary of the Qur'ān written in the Persian language in the Sixth Century of Hijra is hardly to be found in any library.

(2) It is very elegantly written in beautiful Naskh and the verses of the Qur'ān are written in bold character, between two beautiful drawings, a bigger one on the margin, and a smaller one at the end of the text.

(3) The fine caligraphy and decoration of the MS. indicate that it was written in Bukhārā and was in the library of some prince.

(4) The colophon says that the most competent caligrapher with the title of Sayyid al-Khaṭṭāṭ (Lord of caligraphers), whose name is 'Alī bin Muḥammad bin Aḥmad al-Adīb al-Bukhārī, has written this copy in A.H. 685 (A.D. 1286). Our copy is consequently 655 years old.

This MS. was in a very dilapidated condition and it was not possible to use it. It has now been repaired properly.

The Chairman called upon the following to make his communication:—

1. S. L. HORA.—*A Hump-backed* Catla.

Malformations or abnormalities in fishes are not unusual and even a casual observer of the supplies reaching a fish-market cannot fail to notice them. Some of the abnormalities are due to accidental injuries or certain environmental factors and, in consequence, can be easily accounted for, while some others are more deep-seated or congenital and, therefore, it is sometimes difficult to trace their origin. As an instance of the latter kind, it may be mentioned that in September, 1939, Mr. R. M. Chatterji of the Geological Survey of India presented to the Zoological Survey the head of a blind Rohu fish. A detailed study of this specimen (K. K. Nair, *Rec. Ind. Mus.*, XLII, pp. 25-33, text-figs. 5, 1940) showed that the brain was defective and asymmetrical in several respects. From this it was presumed that the brain had probably become defective at a very early stage of development and, in consequence, the normal growth of the eyes was inhibited. The lack of sight, however, had not affected the normal mode of life of the fish, as it had grown to a considerable size; the length of its head being 80·7 mm.

More recently, Mr. Pulin Krishna Das of the Geological Survey presented to the Zoological Survey of India a hump-backed *Catla*, which in outward appearance looked almost like a large *Chanda* (one of the Perches). The size of the specimen, 418 mm. in total length and 202 mm. in height, indicates that the fish was none the worse for the deformity, but had instead, size for size, put on much greater weight. Enquiries have shown that such a *Catla* has never been heard of or seen. The present communication is intended to elicit further information from or through the members of the Society regarding the frequency of occurrence of such abnormalities in our common food fishes. After a perusal of the literature, the hump-backed condition of *Catla* could readily be ascribed to an abnormality of the vertebral column, but until a skiagraph of the fish was taken the extent of this deformity did not become clear. The X-ray photograph taken by Dr. M. Mukherji, Radiologist, Campbell Hospital, Calcutta, has shown that in the abnormal specimen the vertebral column, instead of consisting of a series of individual vertebrae (with the exception of the normal compound vertebra comprising vertebrae 1 to 4) is composed of a series of compound bones without any clear demarkation of the extent of each vertebra. The number of vertebrae represented by each compound bone can, however, be made out by the number of neural spines and ribs or haemal spines attached to each. Such a condition is known as coalescence or synostosis of the vertebral centra (*vide* J. F. Gemmill, *The Teratology of Fishes*, p. 52, Glasgow: 1912). It is remarkable that in the whole of the vertebral column there is not a single normal vertebra; each compound bone representing from 2 to 5 vertebrae. In *Catla* the number of vertebrae is about 37 (Nos. 1–4 form the compound vertebra), of these18 are trunk vertebrae with ribs and 19 caudal vertebrae with haemal spines. The arrangement of these in the hump-backed *Catla* from front backwards is somewhat as follows:—

5+2+4+3+2+3+3+4+5+5+1 and urostyle.

Thus there are in all eleven compound bones in the vertebral column of the abnormal *Catla*. Owing to the compression of the vertebral elements the dorsal and anal fins are shifted somewhat forwards. The arrangement of the bones connected with the caudal fin is also greatly disturbed.

The preparation of the skeleton of the fish will reveal the precise nature of the malformation of the vertebral column noted above, and a detailed study of the musculature and nerve supply of the vertebrae will show how far the metameric arrangement of the other structures has been disturbed by this abnormality. These studies are now being undertaken.

The Chairman announced the result of the ballot for election of Ordinary Members and declared that all candidates were duly elected.

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JULY

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 7th, at 5 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.SC., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members :

Agharkar, Dr. S. P.
Chatterjee, Mr. B. C.
Chatterji, Prof. B. R.
De, Mr. J. C.
Edgley, Hon'ble Mr. Justice N. G. A.
Ghosh, Mr. P. N.
Hobbs, Major H.
Hosain, Dr. M. H.
Macfarlane, (Mrs.) Dr. E. W. E.
Majumdar, Mr. N. K.
Malik, Mr. A. R.
Mitra, Miss Priti
Mukherjee, Dr. J. N.
Nag, Dr. Kalidas
Saha, Dr. M. N.
Sen, Mr. S. C.
Vedantatirtha, Mr. N. C.

Visitors :

Ahmed, Mr. S.
Chaudhuri, Dr. J. B.

The minutes of the last meeting were read and confirmed.

The Chairman announced receipt of the following twelve presentations of books, etc. which had been placed on the table for inspection:—

(1) From Government of India—'Annual Report, Arch. Survey, 1936-37'.

(2) From Dr. F. de Mello—'Von der seele der Indischen Frau'.

(3–5) From Mr. C. Isch-Wall—'Aeschylus', 'La Religion, Tom 1-2' and 'Relativity Thermodynamics and Cosmology'.

(6) From Arch. Survey, Mysore—'Report for 1938 and 39'.

(7-8) From Government Press, Madras—'Records of Fort St. George, Letters, Vol. 40, and Diary and Consultation, 1753, Vol. 81'.

(9-10) From Government of Assam—'Report on Khasi and Jaintia Hills', and Administration of Cossyah and Jynteah'.

(11) From Imperial Library—' Chin Lushai Land'.

(12) From Arch. Dept. Jodhpur—'Marwar ka Itihasa, Vol. 12'.

The Chairman announced that the following two candidates would be balloted for as Ordinary Members:—

(18) *Clark, Thomas Welbourne*, Major, Army Officer, Plassey Mess, Fort-William, Calcutta.

Proposer: J. C. De.
Seconder: M. H. Hosain.

(19) *Roy, Satis Chandra*, M.A. (Lond.), D.P.I., Assam, I.E.S., Falls View, Shillong.

Proposer: Kalidas Nag.
Seconder: B. S. Guha.

The Chairman announced the following loss of membership since the previous meeting by death:—

1. G. S. Dutt (An Ordinary Member, 1933).
2. Dr. Eugene Dubois (Recipient of Annandale Memorial Medal for 1933.)

The Chairman called upon Dr. Kalidas Nag to read an obituary of the late Prof. C. R. Lanman—an Hony. Fellow, 1896 (see page 206).

The Chairman reported that since the previous meeting there had been no loss of membership by resignation, there had been no lapses of election under Rule 9, and there had been no withdrawals of application.

The Chairman called upon the following to read their papers:—

1. P. C. SENGUPTA.—*The Gupta Era.*

In this paper the author has made a thorough astronomical examination of no less than 11 instances of dates as found in the Gupta-Valabhī inscriptions and he has shown that the zero year of this era was originally almost the same as the Christian year 319. In times later than that of Āryabhaṭa, viz., 499 A.D. the year beginning was, in some cases, changed from the light half of *Pauṣa* to the light half of *Çaitra* or that the year of this era used originally to be reckoned from the winter solstice day, and in times later than 499 A.D. the year came to be begun from the vernal equinox day. The zero year of the Gupta era is found in these instances, taken as the same as the *Çaitra-Śuklādi* Śāka year 241 or 319-20 A.D. One year of the Gupta era, which was different in different localities and the Śāka year 420 A.D., was thus taken equal to 15 or 16 lunations, and there happened also in India what is called 'the year of confusion' in calendar reform. The paper thus shows that the so-called *Çaitra-Śuklādi* reckoning of the Hindu year was introduced by Āryabhaṭa I; before his time all the Indian eras reckoned the year from the winter solstice day and the Gupta era was necessarily of *Pauṣa Śuklādi* reckoning.

Mr. Sengupta's finding corroborates the tradition about this era as recorded by Alberunī, that its zero year was the same as 241 of the Śāka era of *Çaitra Śukla* reckoning, of his time.

The author claims that his findings are more definite and conclusive than those of Dr. Fleet and Diksit, who found this zero year to have varied between 319–321 A.D. and could not prove that the Gupta and the Valabhī eras were but one and the same era. Mr. Sengupta trusts that his investigation has clearly established this fact as well.

2. P. C. SENGUPTA.—*Time Indications in the Baudhāyana Śrauta Sūtra.*

The present paper modifies the author's interpretation of a time reference recorded in this work which he published in his paper on 'Solstice Days in Vedic Literature' in the JRASBL, Vol. IV, 1938, page 429. Mr. Sengupta has in this paper shown from 3 distinct references relating to the proper seasons for beginning the *Rājasūya, Nakṣatreṣṭi* and the *Pañcaśāradīya* sacrifices as contained in the *Baudhāyana Śrauta Sūtra*, that they all converge to the mean date, *viz.*, 887–886 B.C. The actual days for starting these sacrifices in this year have been ascertained by back calculation as:—

(1) 886 A.D., Nov. 1—N. Moon day: the 1st day of the Indian season of the Dews—*Pañcaśāradīya* sacrifices to start.
(2) 885 A.D., Feb. 27—N. Moon day: the Indian spring begins: *Rājasūya* sacrifices to start.
(3) 885 A.D., March 29—N. Moon day near vernal equinox at the end of the first quarter of Bharanī division: *Nakṣatreṣṭi* sacrifices to start.

This year was about the time when the summer solstice was at the first point of the *Aśleṣā* division and the winter solstice, at the middle point of the *Śravaṇa* division.

3. EILEEN W. E. MACFARLANE.—*Tibetan and Bhotia Blood Group Distributions.*

One hundred and twelve mixed Bhutias were grouped at Darjeeling, North Bengal. They showed less of Group B than of Group A and over 10% of Group AB.

When those born in Tibet were separated from those born in Sikkim or Bengal the former were found to be genetically in equilibrium and the latter to be racially mixed.

The Bhotias of Sikkim are known to have interbred with the Lepchas. They show three times as much of Group AB as the Tibetans, and this increase is at the expense of Group A.

The blood group distribution in mixed Bhotias is of the same order as that found in the Khasis of Assam.

A small sample of bloods was typed and indicates that Type N is scarce among the Bhotias and that the types are distributed as among the Bengalis.

4. S. N. Chakravarti.—*The Sohgaura Copper-plate Inscription.*

The Sohgaura copper-plate inscription, which is written in Brāhmī character of the Mauryan period, is a circular notice relating to famine relief measures, issued by the Council of Mahāmātras (great officials) of Śrāvastī. The upper face of the plate contains symbolic devices in three fields. On the lower face is the inscription in four lines. The order of the Council of Mahāmātras is that in times of scarcity food and seeds in the royal storehouse are to be distributed, while in times of plenty the distribution of the same is to be withheld. The symbolic devices in the first field, comprising a leafsome tree and a smaller storehouse with a ladle, signify a stage of plenty and, therefore, a restricted distribution of food and seeds, while those in the third field, consisting of a leafless tree and a larger storehouse without a ladle, indicate a drought stage and, therefore, an unrestricted distribution of the same. Evidently, it is suatiyāyika of the Mauryan Brāhmī inscription of Mahāsthān which is to be understood at the end of the Sohgaura plate.

The Chairman called upon the following to make their communications :—

1. B. R. Chatterji.—*Our Trip to Tholing Monastery in Western Tibet (where Atisa converted Ye ses 'od, the King of Gu-ge, to Mahāyāna Buddhism).*

Nine hundred years ago Tholing was a rival of Lhassa as a centre of culture and learning. But we had no idea of its historical importance when we reached this famous monastery on 15th August, 1922. Professor Shiv Ram Kashyap, I.E.S., had led our party across the Lipu Lekh Pass to Mānas Sarovar and Kailas. From Kailas, instead of going back the way we came, we travelled in a south-westerly direction starting from the source of the Sutlej near Rāksas Tāl. After a fortnight's journey from Kailas we reached Tholing (Totling of Sven Hedin). The approach to the great monastery, situated in the deep gorge of the Sutlej, was through an intricate labrynth of deep canyons. Both Sven Hedin and Tucci have described it as a nightmare landscape.

The next day we obtained permission to enter what Tucci calls the White Temple at Tholing. The lofty roof was supported by columns of deodar trunks which must have been brought from a great distance (as no large tree can grow in the cold desert of

Western Tibet). In the centre there was a great image of the Buddha with a wonderfully spiritual face seated on a lotus. On the walls were beautiful frescoes which strongly reminded us of the Ajanta school of painting. In the library it was all disorder and confusion. On account of an unpleasant incident we could not see other parts of this great shrine. But we had been impressed very much by one feature. Nowhere else in the Western Tibet had we seen Indian art so free from any foreign influence as at Tholing.

Whence came this strong Indian influence? The Naga Sanyasi who was with us, who had visited this place several times, told us that Tholing Gumpha was the Ādi Badri (the original Badrinath) and that it was Shankarāchārya who ordered the removal of the seat of Badri to the Indian side of the Himalayas.

This is not the correct explanation. In 1925 I came across a passage in the Journal of the Buddhist Text Society of India, Vol. I, Part I. There I read that Atisa, the greatest Buddhist scholar, Bengal has produced, went from the university of Vikramasila to Suvarnadwipa (probably Srivijaya in Sumatra) to put the finishing touches to his Buddhistic studies. On his return from Suvarnadwipa he received several earnest invitations from Ye ses 'od, King of Gu-ge in Western Tibet. At last, in spite of the protests of the Pāla King of Bengal, Atisa left Vikramasila (c. 1040 A.D.), passed through Nepal, and was escorted by Tibetan generals from Mānasa Sarovara to Tholing where the Tibetan king was waiting for him. There (at Tholing) he preached the Mahāyāna doctrine to the people of Nah-ri (Western Tibet) who had become mere Tāntriks.

Tholing became in the 11th century in the words of Tucci 'a place celebrated in the culture of Tibet because many works were here translated into Tibetan by a chosen band of pandits who, when Buddhism declined in India, were transplanted into this land of the snows'. Tradition says that Rin c'en bzan po, the famous saint and scholar of Western Tibet, lived and worked in one of the chapels of Tholing. According to my friend Dr. Prabodh Chandra Bagchi, Śri Anupama Nirābhoga Vihara was the name of this centre of learning in its palmy days.

From Tholing we made a shortcut to India by the Māna Pass—a difficult pass as Father Andrade found to his cost early in the seventeenth century. We passed through wonderful Himalayan scenery, glaciers and mountain tarns overlooked by giant peaks, and came to Badrinath.

2. BAINI PRASHAD.—*Some examples of Moghul Justice.*

The Chairman announced the result of the ballot for election of two ordinary members and declared that both the candidates were duly elected.

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AUGUST

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 4th, at 5 P.M.

PRESENT

BAINI PRASHAD, ESQ., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members:

Chatterji, Mr. B. C.
De, Mr. J. C.
Griffiths, Dr. W. G.
Guha, Dr. B. S.
Haq, Prof. M. M.
Hora, Dr. S. L.
Hosain, Dr. M. H.
Macfarlane, Mrs. E. W. E.
Mitra, Miss Priti.
Vedantatirtha, Mr. N. C.

Visitors:

Chatterjee, Mr. B. K.
Mitra, Mr. A. K.

The minutes of the last meeting were read and confirmed.

The General Secretary announced receipt of the following eleven presentations of books, etc., which had been placed on the table for inspection:—

(1) From Government of Jodhpur—'Marwar ka Itihas, Vol. 2'.
(2) From Mr. N. Shastri—'Karuna Tarangini'.
(3) From Mahabodhi Society—'Suttha Nipada'.
(4) From Government MSS. Oriental Library, Madras—'Library Catalogue'.
(5) From Dr. Fitz Sarasin—'Ano einen Glucklichen leben: Biographische Notizen'.
(6) From British Consulate General Pondicherry—'Dupleix'.
(7) From Prof. V. Vedantatirtha—'Vedanta Philosophy of Brahma sutra'.
(8) From Government of India—'Proc. 18th Session, Indian Historical Records Commission'.
(9) From Den Directeur Van'slands Plantentain, Java—'Nature Protection in Netherlands Indies'.
(10-11) From Government of India—'List of inscriptions copied by the office Supt. of Epigraphy, Madras', and 'Subject-Index to the Annual Reports, S.I. Epigraphy.

The General Secretary announced that the following two candidates would be balloted for as Ordinary Members:—

(20) *Subramanyam, R. A.*, General Manager, Bharat Sugar Works, Pachnikhi.

Proposer: B. S. Guha.
Seconder: J. C. De.

(21) *Shadani, W. H. A.*, M.A., M.O.L., M.F., Ph.D. (Lond.), Lecturer in Persian and Urdu, Dacca University, 74, Begum Bazar Road, Dacca.

Proposer: M. Z. Siddiqi.
Seconder: B. S. Guha.

The Chairman called upon Dr. Meghnad Saha to read an obituary notice of the late Mr. Guru Saday Dutt—an Ordinary Member of the Society (see page 203).

The General Secretary reported that since the previous meeting there had been no loss of membership either by death or resignation; there had been no lapses of election under Rule 9, and there had been no withdrawals of any application.

In accordance with Rule 48(*a*) the General Secretary reported for confirmation by the meeting the following changes made in the Regulations of the Provident Fund of the Society's staff which were passed by the Council in its meeting of 30th June, 1941:—

'Regulation No. 17 to be amended as follows:—

'The Council may, at their discretion, authorise a temporary advance being granted from the Fund to any member subject to the following conditions:—

(*a*) No advance shall be granted unless the Council is satisfied that the applicants' pecuniary circumstances justify it, and that it will be expended on the following object or objects:—

- (i) to pay expenses incurred in connection with the prolonged illness of the applicant or any person actually dependent on him;
- (ii) to pay obligatory expenses on a scale appropriate to the applicants' status in connection with marriages, funerals or ceremonies which by his religion it is incumbent on him to perform.

(*b*) An advance shall not exceed except for special reasons:—

- (i) six months' pay, or half the amount subscribed by the member to the Fund, whichever is less;
- (ii) unless the amount already advanced does not exceed two-thirds of the amount admissible under the sub-rule (*b*) (i), and shall not be granted until at least after the final repayment of all previous advances together with interest thereon.

No advance will be granted within a year of the proposed retirement of the member.

The rate of interest to be charged will be decided by the Council but in any case will not be less than the corresponding rate of interest paid by the Bank.'

Order: Confirm.

The Chairman called upon the following to read their papers:—

1. R. C. MAJUMDAR.—*Some Dates in the Pāla and Sena Records.*

In the paper entitled 'Some Dates in the Pāla and Sena Records' an attempt has been made to correct the dates as read by previous scholars. The following changes in the reading of dates have been proposed:

NAME OF INSCRIPTION.		Date as originally read.	Date proposed.
Nalandā C. P. Devapāla	..	39	35
Jaynagar Ins. Madanapāla	..	19	14

Reasons have also been shown for doubting the reading of the dates of the following Inscriptions:

(1) Barrackpur C.P. of Bijayasena Year 62,
(2) Imadpur Inscriptions of Mahipāla Year 48,
(3) Rajibpur Inscription of Gopāla 3rd Year 14.

2. D. N. MAJUMDAR.—*Racial Affiliation of the Gonds.*

In an earlier paper the author had discussed the tribal cultures of Bastar, Eastern States' Agency and suggested the intra-group racial distances in the area from a study of indefinite somatic traits. Since then anthropometric measurements of about 600 people were taken by the author and the statistical data were analysed with the help of the Statistical Laboratory, Calcutta. In the present paper, the author presents the results of the anthropometric survey of Bastar in a systematic way.

The native population of Bastar belong to the Gond group of tribes and the immigrants and foreigners who have settled down in the state appear to have freely mixed with the indigenes. A large section of the Gonds still living in the wild state have remained more or less isolated, as for example the Hill Marias, who have recently figured in an instructive monograph by W. V. Grigson (Oxford University Press). The social precedence in the State as is popularly understood there, is as follows:—(1) The Hill Marias, (2) The Marias of the Plateau otherwise known as Dandami Marias or Bison Head Marias, (3) Murias, (4) Parjas or Dhruvas, (5) Bhatras, (6) Gadabas, (7) Panora or Panra, (8) Sundris, (9) Kalhars, (10) Kewats, Kurukhs or Dhimars, (11) Halbas and (12) Dhakars. At the bottom of the social ladder are the Hill Marias while the Dhakars, form the top dressing on a solid aboriginal base.

Analysis of anthropometric data reveals a close correspondence between social units and racial status. The following conclusions have been drawn from the anthropometric survey of Bastar State. (1) The Gonds represent a blended racial type. (2) The higher castes, Dhakars and Halbas of Bastar have freely mixed with the Gond tribes in the neighbourhood, (3) The Hill Marias who are the most primitive cultural group in Bastar differ from the higher caste groups. (4) The Dandami Marias who were originally Hill Marias have come in closer contacts with the higher castes. (5) From a comparison of the head measurements, it appears that there is a progressive lengthening of the head towards the mountain regions.

3. (MRS.) E. W. E. MACFARLANE.—*Blood Groups among Balahis (weavers), Bhils, Korkus, and Mundas, with a note on Pardhis and Aboriginal Blood Types.*

The Balahis, lower caste weavers of the Nimar District, C.P., show more relationship, serologically with the Mahrattas, Rajputs, Jats, and Pathans west and north of them than with the Depressed Classes. They have the three main blood groups in equal proportions with a little more of Group A than of Group B.

The Bhils have high percentages of group B and AB and the highest frequency for gene B yet found in India. The Korkus and Bhils are very similar in blood group distribution and seem to belong to an undifferentiated population.

There is some resemblance between the Korku and the Toda blood group distributions. It is suggested that the Korkus and Bhils, even if descended from Mundari-speaking ancestry may have ancient affinities with the southern aborigines (Chenchus and Paniyans) from whom they differ serologically chiefly in possessing more B.

The Mundas of the Singbhum District, Behar, show the three main blood groups equally distributed, but they do not differ significantly serologically from the Santals who have more of B.

As the Mundari-speaking tribes migrated westward in India, they accumulated more of Group B, perhaps from an aboriginal people with southern affinities whose descendants now are represented in the Depressed Classes.

A few of the nomadic aboriginal Pardhis showed all three blood groups present and a marked variation in racial types.

Mundas and Bhils, in small samples, each show less of type M and more of type N than the general population of Bengal.

The Chairman called upon the following to make their communications:—

1. B. K. CHATTERJI.—*Some Peculiar Implements made of Tridacna Shell from the Nicobar Islands.*

(1) *A Combined Celt and Shovel.*
(2) *An ordinary Celt.*

These two implements were found by Mr. Scott in the Nicobar Islands and sent for examination by the Geological Survey of India. They were found along with certain fish-teeth. The general appearance of the two implements is like that of the Neolithic Celt but in their case they were made out of Tridacna shell, instead of stone. The implements No. 1 (P. R. 8263; 22341 (9)), is of special interest showing the ingenious skill of the people in utilising the natural groove present on the ventral side of the shell for fashioning it as a shovel and using it for the combined uses of a Shovel and a Celt. Both the implements have got definite sharp ends, shafts, polished surface and elongated shape.

A similar Celt made of Tridacna shell along with mace-heads or shell bangles were found by Col. R. B. S. Sewell, in a grave in the Nicobar Islands together with some human skulls and are in the collections of the Anthropological Section of the Zoological Survey of India. The use of Tridacna shell for such purposes is not confined to the Nicobar Islands but is also found in other parts of Oceania (Micronesia).

2. B. Prashad.—*A Note on* Fatawā-i-Alamgīri.

The six volumes of the famous works on the *Shariat* law prepared under the orders of the Emperor Aurangzīb were exhibited, and a short account of its preparation was given.

The Chairman announced the result of the ballot for election of Ordinary members and declared that both the candidates were duly elected.

◆

SEPTEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5 p.m.

Present

Baini Prashad, Esq., D.Sc., F.Z.S., F.R.S.E., F.N.I., F.R.A.S.B., Honorary Treasurer, in the Chair.

Members:

Ali, Mr. S. S.
Bose, Mr. J. N.
Chatterji, Mr. P. P.
De, Mr. J. C.
Ghosh, Mr. P. K.
Guha, Dr. B. S.
Haq, Prof. M. M.
Hora, Dr. S. L.
Hosain, Dr. M. H.
Majumdar, Mr. D. L.
Rahman, Prof. S. K.
Ray Chaudhuri, Prof. H. C.
Shastri, Pt. G. N.
Vedantatirtha, Mr. N.

Visitor:

Halim, Mr. M.

The minutes of the last meetings were read and confirmed.

The General Secretary announced receipt of the following six presentations of books, etc. which had been placed on the table for inspection:—

(1–4) From Government of India— Memoirs, Arch. Survey of India, No. 64', 'Index to the Annual Reports of the Director-General of Archaeology, 1919–29', 'Biruni's Picture of the World' and 'Memoirs, A.S.I., No. 63'.

(5) From the China Information Committee—'China after 4 years of War'.

(6) From Swami Sadananda—'Thailand'.

The General Secretary announced that the following four candidates would be balloted for as Ordinary Members:—

(22) *Spendlove, F. St. G. de*, c/o The Royal Ontario Museum of Archaeology, Toronto, S. Canada.

Proposer: B. S. Guha.
Seconder: J. C. De.

(23) *Jhunjhunwala, Bajarangalal*. Wheat and Linseed Broker, 244, Central Avenue, Calcutta.

Proposer: B. S. Guha.
Seconder: J. C. De.

(24) *Ratcliff, George Massey*, I.C.S., Legislative Secretary, Government of Bengal, c/o A. C. Hartley, Esq., I.C.S., District Magistrate, Howrah.

Proposer: L. R. Fawcus.
Seconder: B. S. Guha.

(25) *Banerjee, Sures Chandra*, M.A., Research Student, Dacca University, Zemindar, Murapara, Dacca.

Proposer: J. C. De.
Seconder: M. Hidayat Hosain.

The General Secretary announced the following loss of membership since the previous meeting by death:—

1. Poet Rabindranath Tagore (Special Anniversary Member, 1934).
2. T. P. Ghose (An Ordinary Member, 1912).
3. Maharajadhiraja Sir Bijay Chand Mahtab (An Ordinary Member, 1911).

The General Secretary announced the following loss of membership since the previous meeting by resignation:—

1. Sir George Campbell (An Ordinary Member, 1929).
2. Sir S. Radhakrishnan (An Ordinary Member, 1939).

The General Secretary announced that since the previous meeting there had been no lapses of election under Rule 9 and no withdrawals of any application.

The Chairman called upon the following to read his paper:—

1. L. S. DUGIN.—*The Kashfu-l-Maḥjūb of Abū-l-Ḥasan 'Alī b. 'Usmān al-Jullābī.*

Up to about some thirty or forty years ago the *Kashfu-l-Maḥjūb* and its author (more commonly known in India under his posthumous title of *Dātā Ganj-bakhsh*) were not very widely known and attracted comparatively little attention: the known MSS. of the work were few and were reputed to be rare, of editions there existed only one Indian lithograph not very easily obtainable, but no translation or critical edition whatsoever. The almost simultaneous coming to light of more MSS. (the RASB possesses five of them), the appearance of several Eastern lithographs of the work, and, last but not least, of the English translation by *Nicholson* and of the critical edition by *Zhukovsky* broke the spell and reawakened the interest for that oldest manual on Ṣufyism in Persian and for its author.

Several questions as to the more exact time of its composition, the exact date of its author's death, the peculiarities of the language in which the work is written, etc. arose in that connexion.

In the article a general survey of the materials published is made, together with an attempt at solving some of the above questions or proving the impossibility of answering them on the strength of data so far available.

The Chairman called upon the following to make their communications:—

1. S. L. Hora.—*Races and Varieties of Himalayan Mahseer.*

Mahseer or the Large-scaled Barbel of India is the most famous Game Fish of the country and several books have been written on its sporting qualities. Though anglers have long been familiar with the fact that several races and varieties of this fish exist in Indian waters, the scientists, following the lead of Day, have hitherto grouped them into a single species, *Barbus tor* (Hamilton). Attempt has recently been made to study very critically the material of this species in the collection of the Zoological Survey of India with the result that at least four kinds can now be recognised from the Himalayan waters on definite morphological characters. The distinguishing features of the four species will be discussed and attention will be directed to the great variation in colouration observed in each species. Reference will also be made to the occurrence of Black Mahseer and the probable causes that are believed to be responsible for melanism in fishes.

2. M. Hidayat Hosain.—*The Persian Histories of the Carnatic.*

The sources in Persian for the History of the Carnatic during the seventeenth and eighteenth centuries are not many. Attention may however be drawn to fourteen of these, of which the following may be mentioned:—

(1) Sa'īd Nāma by Jaswant Rāi dealing with the history of Sa'ādat Allāh Khān.

(2) Anwar Nāma celebrating the exploits of Nawāb Anwar Khān by Mīr Ismā'īl 'Alī Khan poetically known as Abjadī, and

(3) 'Azīm at-Tawārīkh by Muḥammad Sibghat Allāh Muftī.

3. BAINI PRASHAD.—*On a rare Persian MS. in the Library of the Royal Asiatic Society of Bengal.*

The Chairman announced the result of the ballot for election of Ordinary Members and declared that all candidates had been duly elected.

NOVEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 3rd, at 5 P.M.

PRESENT

C. S. FOX, ESQ., D.SC., M.I.MIN.E., F.G.S., F.N.I., F.R.A.S.B., Vice-President, in the Chair.

Members :

Agharkar, Dr. S. P.
Asadullah, Khan Bahadur K. M.
Bagchi, Dr. K. N.
Brown, Mr. Percy
Chatterji, Mr. B. C.
Chatterji, Mr. P. P.
Ghosh, Mr. P. K.
Guha, Dr. B. S.
Haq, Prof. M. M.
Hosain, Dr. M. H.
Nag, Dr. K.
Prashad, Dr. B.
Siddiqi, Dr. M. Z.
Vedantatirtha, Mr. N.

Visitors :

Brown, Mrs. P.
Datta, Mr. J. M.

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following fifty-nine presentations of books, etc. which had been placed on the table for inspection:—

(1-2) From Government Oriental MSS. Library, Madras— Descriptive Catal. of Telegu', and 'Descriptive Catal. of Malayalam MSS.'.

(3) From Bhandarkar Oriental Res. Institute—'Mahabharata fasc., XI'.

(4–34) From the Government of Travancore—'Trivandrum Sanskrit Series Nos. 114 to 144'.

(35) From Dr. B. Bhattacharya—'Sakti-Sangama-Tantra, Vol. 2'.

(36) From Pt. N. C. Vedantatirtha—'Nyaya-Darsana-Itihasa'.

(37) From Baron O. R. Ehrenfels—'Mother-Right in India'.

(38-39) From Government of Madras—'Manilha Consulations, Vols. 1 and 2'.

(40–42) From Trustees of Parsi Panchayet, Bombay—'Barshold's Iran', 'Collection of Colophons, etc. Zoroastrianism', 'Parsis-Eugenies'.

(43) From Government of Madras—'Letters from Fort St. George, Vol. 39'.

(44) From P. C. Dharma, Esq.—'The Ramayana Polity'.

(45) From Messrs. Mohd. Ismail Maula Bux—'Religion of Islam'.

(46-47) From Government of India—'Hymenoptera, Vol. III, pt. 1', 'Mallusca, Vol. III'.

(48-49) From Bhandarkar Oriental Res. Institute—'History of Dharmasastra', Vol. 2, parts 1-2.

(50-55) From Dr. E. S. Kirby—'Business Forecasting', 'The 1,000 Indias', 'Yoga', 'Prospects of Indian Trade with the U.S.A. of America', 'Studies of Indian Economic issued by the office of the Economic Adviser, 1st Series, Aspects of the Indian Tariff No. 1', 'Kuo Huo, Nos. 6-8'.

(56-57) From Pt. N. C. Vedantatirtha—'Introduction to the Vaisesika System', 'Introduction to the Advaita Vedanta System'.

(58-59) From the Calcutta University—'Public Administration in India', 'International Law and Custom in Ancient India'.

The General Secretary announced that the following candidate would be balloted for as an Ordinary Member:—

(26) *Reynolds, Herman M.*, M.A., B.D., Missionary, Pendra Road, C.P.

Proposer: Walter G. Griffiths.
Seconder: B. S. Guha.

The General Secretary announced that since the previous meeting there had been no loss of membership either by death or by resignation.

The General Secretary announced the following lapses of election under Rule 9:—

1.	The Revd. H. P. Judd	elected on	4-11-1940.
2.	T. T. S. Mayley	,,	4-11-1940.
3.	Dr. A. B. M. Habibullah	,,	4-11-1940.
4.	Dr. N. P. Mukherjee	,,	4-11-1940.
5.	Pt. Kedarnath Sahityabhusana	,,	2-12-1940.
6.	G. R. Genge	,,	2-12-1940.
7.	Dr. A. F. M. Khalilur Rahman	,,	2-12-1940.
8.	Maulbi Syed Kasim Hasan Rizvi	,,	3- 2-1941.
9.	Manzoor Hasan	,,	3- 3-1941.
10.	Mannay Venkat Laxmiah	,,	2- 6-1941.
11.	Dr. A. Husen	,,	2- 6-1941.
12.	Major Thomas Welbourne	,,	7- 7-1941.

The General Secretary announced that since the previous meeting there had been no withdrawals of any application.

The Chairman called upon the following to read his paper:—

1. P. L. MISRA.—*Observations on an Intestinal Flagellate,* TETRATRICHOMASTIX HEGNERI, *sp. nov., from the 'Skipping Frog'* RANA LIMNOCHARIS *Meig.*

Introduction. Material and methods. Observations on Tetratrichomastix hegneri, sp. nov. Previous work. Systematic position. Summary. Acknowledgments. References.

The Chairman called upon the following to comment upon his exhibit:—

1. KALIDAS NAG.—'*Interesting exhibits from the Society's Archives*'.

The Chairman called upon the following to make his communication:—

1. BAINI PRASHAD.—'*Account of Delhi in the Maathir-ul-Umara*'.

The Chairman announced the result of the ballot for the election of an Ordinary Member and declared that the candidate had been duly elected.

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DECEMBER

An Ordinary Monthly Meeting of the Royal Asiatic Society of Bengal was held on Monday, the 1st, at 5 P.M.

PRESENT

C. S. FOX, ESQ., D.SC., M.I.MIN.E., F.G.S., F.N.I., F.R.A.S.B., Vice-President, in the Chair.

Members :

Asadullah, Khan Bahadur K. M.
Biswas, Dr. K.
Chatterjee, Mr. B. C.
Chatterjee, Mr. P. P.
Chopra, Dr. B. N.
Das-Gupta, Mr. C. C.
De, Mr. J. C.
Griffiths, Dr. W. G.
Guha, Dr. B. S.
Gurner, Mr. C. W.
Haq, Prof. M. M.
Hora, Dr. S. L.
Prashad, Dr. B.
Rahman, Mr. S. K.
Ratcliff, Mr. G. M.
Siddiqi, Dr. M. Z.

Visitors :

Hafiz, Mr. H. A.
Hosain, Mr. S. W.
Mukherjee, Mr. S. K.
Rezvi, Mr. T.

The Chairman announced the death of Shams-ul-Ulama Dr. M. Hidayat Hosain, a Life Member, since 1911, Ordinary Fellow, and past Joint Philological Secretary from 1925–1939, on 27th November 1941, after which an obituary notice was read by Dr. Baini Prashad (see page 204).

The minutes of the last meeting were read and confirmed.

The General Secretary reported receipt of the following six presentations of books, etc. which had been placed on the table for inspection:—

(1) From the Adyar Library—'Rajadharma'.

(2) From the Government of Madras—'Records of Fort St. George, 1752-53, Vol. 33'.

(3) From the Government of Madras— Records of Fort St. George, Vol. 37'.

(4) From S. D. Atkins, Esq.—'Pusan in the Rig Veda'.

(5) From C. L. Jain, Esq.—'Srimat Rajacandra'.

(6) From Oriental Library, Mysore—'Tattvamuktakalapa'.

The General Secretary announced that the following four candidates would be balloted as Ordinary Members:—

(27) *Ewart, Douglas J.*, Missionary, Westminster Hostel, Rajshahi, Bengal.

Proposer: B. S. Guha.
Seconder: C. W. Gurner.

(28) *Ingalls, Daniel Henry Holmes*, M.A. (Harvard), Junior Fellow of Society of Fellows, Harvard University, 2/7, Lansdowne Road, Calcutta.

Proposer: C. W. Gurner.
Seconder: B. S. Guha.

(29) *Majumdar, Dhirendra Nath*, M.A., Lecturer in Anthropology, Lucknow University, Lucknow.

Proposer: B. S. Guha.
Seconder: J. C. De.

(30) *Grant, John B.*, (Doctor), M.D., M.P.H., F.A.P.H.A., Director, All-India Institute of Hygiene and Public Health, 110, Chittaranjan Avenue, Calcutta.

Proposer: B. S. Guha.
Seconder: J. C. De.

The General Secretary announced the following loss of membership since the previous meeting by death:—

1. Dr. M. E. Sufi (An Ordinary Member, 1937).
2. Dr. M. Hidayat Hosain (An Ordinary Fellow 1925, and Life Member, 1911).

The General Secretary announced that since the last meeting there had been no loss of membership by resignation, and no lapses of election under Rule 9, nor withdrawals of any application.

In accordance with Rule 40, the General Secretary reported that the names of the following eleven Ordinary Members would be removed from the next membership list of the Society:—

1. P. N. Banerjee.
2. H. Crookshank.
3. A. H. Harley.
4. L. E. Harris.
5. Major M. F. C. Martin.
6. Dr. H. Richter.
7. Jaipal Singh.
8. Prof. G. Tucci.
9. T. Williams.
10. Rai Bahadur S. K. Bhuyan.
11. C. C. Calder.

The General Secretary reported that in accordance with Rules 37 and 38, the names of the following nine Ordinary Members would be suspended as defaulters within the Society's building for the period of one month, to be removed from the Society's registers for non-payment unless the amount due be paid before the next Ordinary Monthly Meeting:—

1.	Jamaluddin Ahmed	Rs. 96
2.	A. F. M. Abdul Kadir	,, 78
3.	Prof. P. R. Awati	,, 61-8
4.	N. C. Bhattacharya	,, 66
5.	Bimal Ch. Ghosh	,, 90
6.	Nirmal K. Jain	,, 66
7.	Rezaur Rahman Khan	,, 108
8.	Kaviraj Bimalananda Tarkatirtha	,, 99
9.	Prof. C. W. Tressler	,, 72

In accordance with Rule 48(*d*) the General Secretary reported for confirmation by the meeting the following resolution passed by the Council in its last meeting:—

'From the 1st December, 1941, Mr. J. C. De, the Assistant Secretary, be placed in charge of the Library of the Society on his present terms and designation; and Mr. P. O. Matthai, the Librarian, be appointed as Superintendent of the office on his own salary and that he shall perform all duties now performed by Mr. De. This arrangement will be on an experimental basis for six months for the present and does not involve any additional charge on the Society's funds.'

Order: Confirm.

The Chairman announced the result of the ballot for the election of Ordinary Members and declared that all the candidates had been duly elected.

After the transaction of formal business the meeting was adjourned as a token of respect to the memory of the late Khan Bahadur Dr. Hosain.

OBITUARY NOTICES

SIR J. J. THOMSON

(1856–1940)

With the death of Sir J. J. Thomson is removed from the world of Science, the last of the line of British Physicists like Kelvin, Stoker and Maxwell, all of whom took experimental research after receiving their early training in mathematical Physics.

Joseph John Thomson was born on December 18, 1856, in Cheetham, a suburb of Manchester. His father intended to make an Engineer of him and with that end in view he was admitted at the age of 14 to the Owen's College which subsequently became the University of Manchester. There, young Thomson had the unique opportunity of studying under eminent scientists like Osborne Reynolds in Engineering, Balfour Stewart in Physics, William Roscoe in Chemistry. While a student, he lost his father and at this on account of the family circumstances the idea of his ever joining an engineering firm was entirely abandoned, and he continued his studies in pure Science at the same college.

From there, Thomson joined the Trinity College in 1876. He sat for the Mathematical Tripos in 1880 and came out as second Wrangler, Sir Joseph Larmor being the senior for that year.

Even while at Manchester, young Thomson undertook a certain amount of research work and took to experimental and theoretical investigations with whole-hearted devotion after getting his B.A. degree in 1880. At this time he began his famous work on the motion of charged particles and the theory of electromagnetic origin of mass. This fundamental research was the starting point of a number of important investigations by Abraham, Heaviside and others on the variation of effective mass of the electron with velocity and of the experimental testing of these theories by Kaufmann, Bucherer and others. The consequence of these investigations was the formulation of the electromagnetic theory of matter—a theory proved untenable by later investigations.

In 1884, at the age of 27, Thomson was elected a Fellow of the Royal Society and the same year he succeeded Lord Rayleigh as Cavendish Professor of Experimental Physics in the University of Cambridge. This post he held till 1918 when he was made

Master of Trinity College. His early age was the subject of some caustic comments by older members of the University, one of whom remarked that times had come when mere boys were being appointed to University Chairs.

As Cavendish Professor, Thomson started investigations on the phenomena of discharge of electricity through gases from which he passed on, at about 1895, to his works on the cathode rays, the phenomena of gaseous ionization and conduction, and the properties of positive rays. These researches are embodied in his famous book, 'Conduction of Electricity through Gases' and it is for these investigations that he got the Nobel Prize in 1906.

From the study of positive rays he devised the famous parabolic method of focussing charged particles having the same value for the ratio e/m. The method has since been considerably improved by Aston for determining atomic masses.

In 1918, he resigned his Cavendish professorship when Rutherford was elected to succeed him but he still continued to work in the laboratory.

In 1936, his last and the interesting work 'Recollections and Reflexions' was published. Those who are familiar with the pre-war days of Cambridge will find considerable interest in these reminiscences.

Such was the man whose loss to the scientific world we are mourning. All his life, he worked devotedly to the cause of Science and it is justly said that his works were of the pioneer type. He was interested more in the discovery of new phenomena rather than in the complete and accurate survey of a limited region.

Sir J. J. Thomson is survived by a daughter and a son Prof. G. P. Thomson, also a Nobel Laureate and the worthy son of the worthy father.

M. N. SAHA.

(*Read in the Ordinary Monthly Meeting of* 6*th January*, 1941.)

SIR GEORGE ABRAHAM GRIERSON

(1851–1941)

A unique personality in the domain of Indological Studies, with special reference to the linguistic science, has been joined to the majority last March by the death of Sir George Abraham Grierson at the ripe old age of ninety. For more than a generation, Sir George Grierson, living in his studious retirement at Camberley in Surrey, has been universally respected as the great Director of the *Linguistic Survey of India*, the *doyen* of

Indian Linguistics. If not the founder of and the first worker in the Linguistics of the Modern Languages of India, Sir George was one of the first investigators in the subject, and his has been so far the greatest name in this branch of the Science; and it will certainly continue to be so, at least among the first generation of workers who distinguished themselves in it. For over seventy years, from 1868 when he first began to read Sanskrit and Hindustani in Dublin, he was connected with the study of Indian languages; and these seventy years and more have been most fruitful in the results achieved by this silent explorer in the uncharted lands which were the modern Indian languages and dialects.

Sir George Grierson was born near Dublin in 1851 and was educated at Shrewsbury and in the Universities of Dublin and Cambridge and Halle in Germany where he had a brilliant career. He entered the Indian Civil Service and came out to India in 1873, and from the beginning he took up Indian languages—the Indo-Aryan ones at first—as the chosen subject of his studies. From 1873 to 1888, during which years he worked as a civilian, as district magistrate, school inspector and opium agent in 'the Lower Provinces of Bengal' (which included in those days Bengal Proper, Bihar and Orissa), he devoted all his spare time outside of his usually strenuous official duties in making an intensive study of the ancient and medieval forms of the Aryan speech in India—Sanskrit and the Prakrits and the earlier Hindi, Bihari and Bengali literatures—besides a host of the modern languages and dialects, making special efforts to get at the genuine dialects of the country folk and their popular literature in the districts in which he was posted. All this was in preparation for his great life work, the *Linguistic Survey of India*; but it was during these years that he brought out some of the most significant things on Modern Indian languages and literatures. Long before the *Bangiya Sahitya Parishad*—the Academy of Bengali Literature—was conceived, Sir George anticipated its work by collecting from North Bengal a number of folk songs and poems, with a sketch of the Rangpur dialect of Bengali (published in the *Journal of the Asiatic Society of Bengal*, 1877, Vol. I, No. 3, pp. 186–226) and the story of Raja Gopicandra (published in the same Journal, 1878, Vol. I, No. 3, pp. 135–238), with the Bengali texts in Devanagari characters and with English translations. The *Bangiya Sahitya Parishad* was founded more than twenty years after, and this body has since distinguished itself as a National Academy of Bengali Letters and Philology by publishing early Bengali texts and popular literature, and the pioneer work of Sir George in this line was gratefully recognised by the Parishad when it made him one of its honorary members some years ago. From 1883 onwards he began to investigate the dialects of Bihar, and during 1883–1887 he published his important *Seven Grammars of the Dialects and Sub-dialects of the*

Bihari Language in which he demonstrated clearly the position of the three speeches of Bihar, *viz.*, Maithili, Magahi and Bhojpuri, with regard to their sisters and cousins of the Indo-Aryan Speech-group. His *Bihar Peasant Life, being a Discursive Catalogue of the Surroundings of the People of that Province* (1888) is a big volume giving a unique collection of rural words, in the setting of an interesting descriptive framework, invaluable for linguistician and ethnologist alike. Before this, he had brought out his *Maithili Grammar* with a Chrestomathy and Vocabulary as an extra number of the *Journal of the Asiatic Society of Bengal*, in the year 1880; and in this book he published the first collection of the poems of Vidyapati, the greatest poet of Mithila or North Bihar (c. 1400 A.D.), obtained from places where they were still current.

The International Congress of Orientalists held at Vienna in 1886 represented to the Government of India the necessity of having a *Linguistic Survey of India*, and on this representation the *Survey* was instituted in 1888, with Grierson as its Director. From 1888 to 1903 Grierson gathered and prepared his materials for the *Survey* in India, and during the nineties of the last century while still in India he published some of his most noteworthy articles and papers, on the Bihar dialects, on Eastern Hindi and Western Hindi, and on Kashmiri. He also published his important monograph on the *Phonology of the Modern Indo-Aryan Vernaculars* in the *Journal of the German Oriental Society* (1895–96), which alone would have placed him on a level with Beames, Bhandarkar and Hoernle as the founders of the historical grammar of New Indo-Aryan.

Sir George Grierson left India in 1903, and from that year onwards began to be published the volumes of the *Linguistic Survey of India*. The twenty-one volumes of this great work form not only a mine of information about most of the languages and dialects of the sub-continent of India (which have been numbered and scheduled with very great care in the Survey, running up to 179 languages and 544 dialects, taking all minutiae of detail)—about the speeches of one-fifth of the human race—but also embody the findings of historical and comparative grammar regarding the correct placing of these speeches with regard to each other. The Survey is a unique thing of its kind, and nothing like this has been attempted or accomplished in any other polyglot country. What looked like a vast jungle growth of uneducated dialects and local forms of *patois*, which acknowledged either a vague or a clear allegiance to some standard form of literary speech, has been surveyed, and paths have been discovered and made in the trackless wastes: what was previously unintelligible has been grasped in its true significance.

Thanks to the comprehensive vision and attention to every detail which its Director possessed, the *Survey* has drawn the linguistic map of India as surely and certainly as any such map can be drawn. In this way it has given an inestimable indication of the social, ethnological and cultural past of the country, which no historian and anthropologist, sociologist and administrator, and social worker and politician can afford to neglect.

In India itself, although the Science of Phonetics and Grammar developed very early, there has never been much study of the actual spoken forms of the language. The literary tradition has always been very strong in India, and consequently a strong spirit of conservatism which preferred the older or archaic form of a speech to its actual living form has always interfered with proper justice being done to the spoken language, whether in literature or in linguistic studies. The spoken forms, as in most other communities outside India possessing a strong literary tradition, have generally been neglected as 'vulgar'. Buddha gave his great charter to the spoken dialects of man by commanding that his discourses were to be studied by men in their own tongues. But the Sanskrit tradition was too powerful. It is only in the inscriptions of Asoka (3rd century B.C.) that anything like a faithful representation of the local dialects (of the South-West, of the North-West, of the North Centre and of the East) are found; and even here the official language which was of the East is found to have influenced the other local dialects. From the 3rd century B.C. to the 20th century A.D. is indeed a long period of time. Yet it is only in the *Linguistic Survey of India* of George Abraham Grierson that we find modern science and scientific curiosity achieving what Asoka's secretariat (the direction doubtless was from the emperor, inspired no doubt by what Buddha himself had enjoined) did as a matter of convenience and policy in giving out the injunctions and the admonitions of the King to his people in their own dialects. The completion of the *Linguistic Survey* marks an epoch in the cultural history of India; and it forms one of the best fruits of the British connexion with India. Science here has become the great golden link joining the rulers and the ruled. On the termination, so far as Sir George Grierson's labours were concerned, of the *Linguistic Survey*, he was given the Order of Merit by the Government in recognition of his valuable scientific labours. He was already knighted in 1912. A final volume remains to be done—a Comparative Dictionary of the Indo-Aryan languages, and that has been taken up by another great British scholar of Indo-Aryan linguistics, and one of the greatest in the field, Dr. R. L. Turner.

The number of Sir George's monographs on different aspects of Aryan linguistics in India is legion, and it is not necessary to catalogue and appraise them here. But mention must be made of his work in connexion with Kashmiri. Kashmiri, a language belonging to the *Dardic* group of Aryan—a group which Grierson himself has placed as an intermediate one between the Iranian and the Indo-Aryan (although other scholars incline to look up it as a member of the Indo-Aryan group and not as an independent group),—has a fairly old literature, and it is the most cultivated of the Dardic speeches. Grierson's series of papers on Kashmiri grammar were culminated by his great *Kashmiri Dictionary*, of over 1,300 quarto pages which was completed some ten years ago as a publication of the Asiatic Society of Bengal. He had also written a handy *Kashmiri Manual* in two parts which is one of the best hand-books of a language known. Further, he edited some Kashmiri texts under the auspices of both our Society and the Royal Asiatic Society of Great Britain and Ireland.

Sir George Grierson was no dry-as-dust linguist or linguistician; he was a lover of literature, and had the soul of a literary connoisseur. His appreciation of Tulasidasa is a well-known monograph in connexion with the greatest of the medieval North Indian poets. He also brought out in collaboration with Mahamahopadhyaya Sudhakara Dvivedi an edition (which could not be completed) of the Early Awadhi narrative and mystic poem the *Padumāwati* of Malik Muhammad Jayasi, with a Hindi commentary from his collaborator. Mention may also be made of his fine edition of another great classic of Early Hindi—the *Satasaiyā* of Bihari Lal, a highly ornate and poetic composition in the Braj-bhakha dialect; and his *Vernacular Literature of Hindustan*, which first appeared in the *Journal of the Asiatic Society of Bengal* (1889), is an indispensable compendium of the literature of North India in the various dialects which have accepted the standard High Hindi Speech as their literary form.

Sir George Abraham Grierson was one of the giants, so to say, in his special subject: and he has accumulated, sorted, and arranged, and in this way left for posterity, a mass of material the value of which will never be diminished. His *forte* was Indo-Aryan, and Dardic: and for the non-Aryan languages of India he was fortunate in having some very competent colleagues and collaborators, pre-eminent among whom has been Dr. Sten Konow, the Norwegian Orientalist and Indologist, who was responsible for the volume on the Kol (Munda) and Dravidian languages in the *Linguistic Survey*. But it was Grierson's spirit and execution that co-ordinated everything. A mass of scattered materials on the various insignificant and recondite dialects of the Sino-Tibetan or Tibeto-Chinese family as found in the North-eastern part of India—in the Valleys of Nepal and the inaccessible hills of Assam and the Indo-Burman border-country—was brought in order, and something like a clear pathway was traced in the intricate tropical jungle of languages and dialects that is presented by the Tibeto-Burman and Sino-Chinese groups of speeches in India and Burma: and this was the work not of a specialist in Sino-Tibetan, but of one who had established Indo-Aryan linguistics in its present position. The

Mon-Khmer speeches were similarly studied by Grierson, although here the complications did not present the same hopeless tangle as in the case of Sino-Tibetan.

Grierson the *Scholar* will live for ever in the pages of Science, particularly in Indian Linguistics and Indian Literature. Grierson the *Man*, however, was no less worthy of esteem and affection. His career as that of an I.C.S. officer and then of a scholar working in his retirement has on the whole been unexciting and comparatively uneventful—barring, of course, the thrills that science and scientific discovery bring to every scholar. In his personality, with which the present writer had some opportunity of coming into close contact, he was singularly affable,—courteous and dignified, sympathetic and helpful, and free from the slightest trace of artificiality or hauteur: a personality which evoked respect and love at the same time, and a spirit of devoted collaboration. For some thirty years, Sir George was helped with a rare devotion to his work by his principal assistant, Mr. E. H. Hall, who was trained by Grierson himself,—a remarkably unostentatious and unassuming scholar (whose acquaintance also I was privileged to make in Grierson's residence) who was practically Grierson's right-hand man in bringing out the *Linguistic Survey* and to whose qualities and services Grierson bears ample testimony in the peroration to the concluding volume—which is now the Introductory one—of the *Linguistic Survey.* I made Grierson's acquaintance in 1919 as a student of Indian Linguistics in England, and our first meeting was in connexion with the readings in a MS. of a Prakrit grammar; and some little suggestions of mine were appreciated and warmly praised by Grierson, and this was the beginning of the very rare privilege I had of becoming, if not his pupil officially, at least something of a *chelā* to one whom I regarded as one of my *gurus* in the science. I recall with a melancholy pleasure the several visits I paid to Camberley, and the great hospitality I received from both Sir George and Lady Grierson (Lady Grierson, so full of kindness and dignity and motherliness, would be with us during lunch and tea, and would talk about things Indian and European, and she would show me the beautiful prospect of hill and down from her garden which she called her 'Himalaya View', recalling Simla and Darjeeling). I had the run of his vast library, and the benefit of his immense scholarship. He was, while I stayed in England, and subsequently also, my friend, philosopher, and guide—and my great patron as well. During one Christmas week in London, he wrote to me from Camberley to see some English pantomimes and Christmas plays, and reminded me that 'all work and no play made Jack a dull boy'. He helped me, after an examination of my claims for that privilege, to obtain permission of the University authorities of London to proceed straight to D.Lit. examination without my being required to pass the M.A. or the Ph.D. as a preliminary qualification. After I was awarded my degree, Sir George very carefully read through my thesis, making corrections and adding suggestions before it was rewritten for the press (a kindness which Prof. Jules Bloch of Paris, who was another *guru* of mine in the subject, also extended to my thesis later); and when it was finally published under the auspices of the University of Calcutta as the *Origin and Development of the Bengali language*, Sir George contributed the Preface. Since my return to India in 1922, I was in correspondence with him off and on, and it was always an honour to be favoured by him with a reprint, and with an occasional query in a matter in which he thought I might be helpful. He made a *bakhshish* to me of all the volumes of the *Linguistic Survey*, which remains for me a precious possession for ever. It is a thousand pities for me that during my two subsequent visits to England in 1935 and 1938 it was not possible for me to come up to Camberley and pay my personal respects to him, as his doctors advised him complete rest after two severe fits of illness on both occasions; he was in very fading health, and the doctors' injunctions were dutifully obeyed by me.

Sir George Grierson's connexion with the (Royal) Asiatic Society of Bengal which began after his arrival in Calcutta on 15th November 1876, was long and intimate. The Society's Journal was the main *venue* for the publication of his articles up to the time he left India, and besides the Society published some substantial works by him, including the *Kashmiri Dictionary*. He was in the Council of the Society for the first time in 1893, as one of the Secretaries, and was made an Honorary Fellow in 1904. A terra-cotta bust of Sir George Grierson by the Italian Sculptor, A. Marzollo, is in the collection of the Society. The Council of the Society had it made in 1932 to commemorate the completion of his *Kashmiri Dictionary*.

With his genuine love for the Indian people and his sincere appreciation of the deeper elements in Indian culture, Sir George Grierson has helped the Indian people to know itself in that most important expression of its culture, namely, its language. That is why his memory deserves to be respected and cherished by all Indians.

This opportunity I now take to present to the memory of George Abraham Grierson, as father of Linguistic Studies in India during the present age, our respectful and affectionate homage, on behalf of students of Indian Linguistics, Indians and others, both living and yet to come; and as a great humanist who loved man and loved the people of India, and who by his scientific work was a bond of union between two continents. May his name grow greater and greater, an inspiration for all time.

SUNITI KUMAR CHATTERJI.

(*Read in the Ordinary Monthly Meeting of 5th May,* 1941.)

GURU SADAY DUTT

(1882–1941)

The unexpected death of Mr. G. S. Dutt, just after his recent retirement from the Indian Civil Service and when he was free to devote his full energy to nation building activities, creates a gap in the ranks of India's foremost sons, which is hard to fill up. Mr. Dutt will be remembered with gratitude by posterity as the founder of the Saroj Nalini Association and of the Bratachari Movement. The former is a women's social service and education centre founded in memory of his wife, who died some 16 years ago, and has now 400 branches in Bengal and other provinces. The Bratachari Movement is an expression of his intense love for country.

While in charge of districts, in course of his tours in rural areas, he was struck by the simple decorative art practised in the village homestead of Bengal. Gradually after a painstaking search and enquiry a large amount of material embodying rural arts and crafts was collected by him and in 1931 he organised Rural Heritage Preservation Society of Bengal, which had for its principal object the revival and preservation of folk songs, folk dances and folk literature of Bengal as well as of its rural fine arts. The Bratachari Movement in its present form was started in 1932. This Movement has served as a very useful vehicle for imparting physical education and love for the country to the adolescent and the adult alike through social work, dance-drills and active contact with the life of the people, on which the scheme lays emphasis. Mr. Dutt had dreams of extending his movement on wider lines, and he acquired for the Bratachari Society a very big plot near Calcutta for a permanent training centre but the cruel hands of death has snatched him away while he was in a position to devote the whole of his dynamic energy to this self-imposed task.

Mr. Guru Saday Dutt was born in 1882 at Birasri, in the district of Sylhet in Assam. After passing the Intermediate Examination of Calcutta University in which he secured the first place, Mr. Dutt proceeded to England where he qualified for the Indian Civil Service in 1904. He was at the Emmanuel College at Cambridge for a year and came out at the end of 1905 to join his appointment. At the end of 1929 while posted at Mymensingh as district magistrate and collector, he inaugurated a movement for village reconstruction. He did not rest with merely drawing up of the programme, but axe in hand, he led parties to cut down insanitary jungles and trees in villages and to re-excavate silted-up channels. He was a pioneer in this line and he identified himself completely with the ordinary people. His example made these humble works fashionable for the 'Bhadralog' class who are now following them up with great zeal and earnestness.

Mr. Dutt's vision did not fly off the realities of his surroundings and he did not spare himself manual labour to execute his plans. He devised his schemes with such humble beginnings that little jerk was put to the people whose help he sought in their execution. He has always progressed step by step and there was no ostentation in his methods. His museum of folk art and crafts and his Bratachari Movement bear testimony to his characteristic methods. The Saroj Nalini Association for Women is a monument of his powerful organisational abilities. It is very rare to find high officials utilising their office and the attendant influence for the social and cultural uplift through their personal contact. But people of the districts of which he held charge remember him more as one of them rather than as an upright civilian administering law and order, and living in dignified seclusion.

In 1929 Mr. Dutt made an extensive tour in Europe and at the meeting of the General Assembly of the International Institute of Agriculture at Rome headed the Indian delegation representing the Government of India. He also attended the World Adult Education Conference at Cambridge in 1929 as an Indian delegate.

He retired early this year as Secretary to the Government of Bengal in the department of Local Self-Government and Public Health. On account of his independence and initiative which are supposed to interfere with bureaucratic administrative methods, he was never a *persona grata* with the Government and he was not appointed to higher posts, and was not a recipient of any official 'honours'.

M. N. SAHA.

(***Read in the Ordinary Monthly Meeting of 4th August*, 1941.**)

SHAMS'UL-'ULAMĀ' KHĀN BAHĀDUR MUHAMMAD HIDĀYAT ḤOSAIN

(1887–1941)

Shams'ul-'Ulamā' Khān Bahādur M. Hidāyat Ḥosain was born in June 1887. His father, Maulvī Wilāyat Ḥosain, was a well-known Arabic and Persian scholar and like his distinguished son was connected with the Asiatic Society of Bengal: he prepared for the *Bibliotheca Indica* series of the Society the text of Shams-i-Sirāj 'Afīf's *Tārīkh-i-Fīrūzshāhī* which was published during 1888–91. Hidāyat Ḥosain was educated at home and in the Calcutta Madrassa and obtained a 1st Class in the Final Madrassa Examination, topping the list of the successful candidates. In 1903 he was appointed as the Travelling Maulvi on the staff of the Asiatic Society of Bengal for collecting manuscripts for the Arabic and Persian Section of the Library of the Society and continued in this post till October 1908 when he was appointed Lecturer in Arabic and Persian in the Presidency College, Calcutta. In July 1914 he was appointed Professor of Arabic and Persian in the same institution and continued in this post till July 1928 when he was transferred as the Principal of his *Alma Mater*, the Calcutta Madrassa; this post he held till his retirement from Government Service in 1935. On his retirement from the Calcutta Madrassa he again made the Society's rooms as his headquarters, and in view of his special experience and qualifications was entrusted with the very important work of preparing detailed descriptive catalogues of the extensive collections of Arabic and Persian manuscripts in the Society's Library. He carried on this work with great zeal and enthusiasm till his sudden death on November 27th, 1941.

He joined the Royal Asiatic Society of Bengal in 1911 as an Ordinary Member, and later became a Life Member. He was elected an Ordinary Fellow of the Society and a member of its Council in the Annual Meeting of 1925. The same year he was appointed as the Joint Philological Secretary of the Society and continued in this capacity till 1939. Throughout this long period of his close association with the Society he showed a keen interest in its welfare and activities, particularly in the Arabic and Persian Section. He contributed several learned papers which were published in the *Journal* and *Memoirs* of the Society and edited a number of important Persian and Arabic works, relating to Islamic culture and Indian history for the *Bibliotheca Indica* series. In addition he prepared a Catalogue of the Manuscripts of the Buhar Collection in the Imperial Library (Vol. II, in 1933) and was the author of several learned articles in the *Encyclopaedia of Islam*.

S̲hams'ul-'Ulamā' Hidāyat Ḥosain, though he was educated in the Calcutta Madrassa, came into very close contact with Sir E. Denison Ross, who was the Joint Philological Secretary of the Society, on his appointment as the Travelling Maulvi in 1903, and it was under the influence of this great scholar that he imbibed the true spirit of research along Western lines. He often used to say that his success in life was due to the inspiring influence of, and his close association with, Sir Denison Ross in the early years of his life.

S̲hams'ul-'Ulamā' Hidāyat Ḥosain was a well-known figure in Calcutta and was connected with the work of a number of charitable institutions of the city, among which may be mentioned the District Charitable Society and the Society for the Protection of Children in India. He was a well-known scholar of Mohammedan Law, and intricate questions relating to the

Ḥadīth were often referred to him by the Government. He was a man of culture and refinement, endowed with many qualities of head and heart, and above all a gentleman in the true sense of the word. He was always ready to help young workers in every possible way. His services to the cause of education were recognised by the Government by the grant of the titles of K͟hān Bahādur and S͟hams'ul-'Ulamā'.

S͟hams'ul-'Ulamā' Hidāyat Ḥosain's sudden death has left a void in the circle of Arabic and Persian scholars of Calcutta, if not of the whole of India, and his loss to the Society is irreparable.

May his Soul rest in peace!

BAINI PRASHAD.

(*Read in the Ordinary Monthly Meeting of 1st December*, 1941.)

PROFESSOR C. R. LANMAN

(1850–1941)

On February 20, 1941, passed away Prof. Charles Rockwell Lanman at the ripe age of 90. Born on July 8, 1850, he graduated from Yale University in 1871 and won his Ph.D. in 1873 for comparative studies on Sanskrit and Greek. We worked for four years (1873–1876) at Berlin and Tübingen, under Dr. Roth and Prof. Curtins. On return he was recruited by the Johns Hopkins University as a lecturer in Sanskrit (1876–80). There he got the Chair of Sanskrit in Harvard, holding it for 56 years (1880–1936).

His first direct contact with India and Indian scholars began with his tour in India (1889) during which he collected valuable books and manuscripts. On return he began his lectures on Indian poetry, literature and early history. He was elected President of the American Philological Association in 1890 and published the same year, 'The Beginning of Hindu Pantheism'. His book on 'Hindu Drama' (1900) showed his keen interest in Sanskrit literature. We find him there as the sponsor of the now famous *Harvard Oriental Series* which had published over forty stout and well-edited volumes on Buddhistic and Brahmanical literature and thought. The Religion and Philosophy of the Vedas (Keith), Vedic Concordance (Bloomfield), Translation of the Atharva Veda (Whitney and Lanman), Jatakamālā (Kern), Sāmkhya Philosophy (Garbe), Karpuramanjari (Sten Konow) among other volumes of the series have endeared the name of the General Editor Prof. Lanman among Indologists. He was elected an Honorary Fellow of the Asiatic

Society of Bengal in 1896 and kept us in touch with the study of Sanskrit in the U.S.A. by sending some of his brilliant pupils and colleagues as well as their publications to our library.

He took keen interest in the group of Indian students in Harvard and was responsible for securing for them some fellowships of the University. Lanman's *Sanskrit Reader* was responsible, for more than anything else, for popularising the study of Sanskrit amongst the University students of America, and his edition of the Translation of the Atharva Veda will make us all cherish his memory for years to come.

KALIDAS NAG.

(*Read in the Ordinary Monthly Meeting of 7th July*, 1941.)

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INSTRUCTIONS TO AUTHORS FOR THE SUBMISSION OF PAPERS FOR PUBLICATION IN THE JOURNAL AND MEMOIRS OF THE SOCIETY.

PAPERS

1. All communications submitted to the Society for publication should be addressed to the General Secretary and not to any officer by name. They should be type-written on one side of the paper with sufficient margin on the sides, and *in all respects must be absolutely in their final form for printing.*

2. Papers must be accompanied by a brief abstract not exceeding 1,000 words, which shall indicate the subject of the paper and the nature of the advance in the existing knowledge on the subject.

3. Tables of contents (for long papers), references to the plates and literatures, etc., should be given in their proper places.

4. Quotations in Oriental languages should be in the original script, and wherever they are transliterated the System of Transliteration adopted by the Society must be followed (see instruction 15). The names of *genera* and *species* in the case of biological communications should be underlined to indicate that they are to be printed in italics.

ILLUSTRATIONS

5. All drawings and photographic prints should be as clear as possible. They should be in a form immediately suitable for reproduction, preferably of a size to permit reduction to about two-thirds the linear dimensions of the original, and should be capable of reproduction by photographic processes.

6. Drawings and diagrams to be reproduced as line blocks should be made with fixed Indian ink, preferably on fine white Bristol board, free from folds or creases; smooth clean lines or sharp dots, but no washes or colours should be employed for shading. The positions of the illustrations that are to appear in the text must be clearly indicated in the margin of the paper; and explanations of the figures should be typed at the end of the main paper with the indication: *Explanation of text-figures.*

7. The maximum space allowable for illustrations in the *Journal* and the *Memoirs* are as follows:—

Journal, *text*, 3¾″ × 6¾″; *Plates*, 4½″ × 7″.
Memoirs, *text*, 6¼″ × 9″; *Plates*, 7½″ × 9½″.

These spaces include the usual figure numbering. Explanations of the plates to be printed on separate pages, facing the plates, must be typed on separate sheets.

PROOFS

8. A proof of each paper will be sent to the author, on the address given on the MS.

9. No alteration or addition necessitating any considerable change of type may be made in the proofs. Should such alterations or additions be necessary, these must be added as footnotes duly dated and initialled. The cost of corrections made in the proofs should not exceed 20% of the printers' charges for the setting of the paper; any excess will be charged to the authors.

10. The proof must, if possible, be returned within one week of the date of receipt to the Society duly corrected.

MISCELLANEOUS

11. Authors of papers published in the Society's *Journal* and *Memoirs* are entitled to receive *gratis* 30 copies of each paper, and as many more as they require on payment of the cost of printing, paper, and make up. Such requirements must be stated at the time of returning the proofs.

12. Papers by non-Members of the Society must be communicated through a Member, who shall satisfy himself that the paper is suitable for presentation to the Society, and is ready for the press.

13. No communications under consideration or accepted for the Society's publications may be published elsewhere without the express sanction of the Council.

14. To facilitate the compilation of indexes, each author is requested to return to the Society together with the proof, a brief index of the contents of the paper. These indexes will be edited and incorporated in the volume when completed.

15. The following systems of transliteration are henceforth to be followed (as far as practicable) in the publications of the Society, in quoting non-European words as such. In giving names of places, authors or books, which would occur in the course of the English text, a 'broad' transcription, following English values of the consonants and avoiding diacritical marks, is recommended.

SANSKRIT

अ = a   आ = ā   इ = i   ई = ī   उ = u   ऊ = ū
ऋ = ṛ   ॠ = ṝ   ऌ = ḷ   ए = e (or ē)   ऐ = ai (or a͜i)
ओ = o (or ō)   औ = au (or a͜u) (Prakrit अइ अउ = aī, aü)
ं (*Anusvāra*) = ṃ   : (*Visarga*) = ḥ   × (*Jihvāmūlīya*) = χ
ᳶ (*Upadhmānīya*) = ϕ

Sandhi Vowels may be indicated as â î û ê ô. *Avagraha*='. Accents in Vedic—*Udātta* á ā́ etc. *Svarita*—à.

क ख ग घ ङ = k kh g gh ṅ (or ŋ)
च छ ज झ ञ = c ch j jh ñ (or ɲ)
ट ठ ड ढ ण = ṭ ṭh ḍ ḍh ṇ
त थ द ध न = t th d dh n
प फ ब भ म = p ph b bh m
य र ल व = y r l v (or w)
श ष स ह = ś ṣ s h
ळ ळ्ह = ḷ ḷh

HINDI (and other North Indian Speeches)

As for Sanskrit, only nasalised Vowels are to be indicated by a *tilde* mark (~) above the Vowel (e.g. अँ आँ ऊँ एँ = ã ā̃ ū̃ a͜ĩ,

etc.), and ड़ ढ़ are to be denoted optionally by either ḍ ḍh or by ṛ ṛh. Care should be taken in distinguishing ब and व (*b* and *v*)—the latter preferably may be written as *w* rather than *v*, specially in intervocal and final positions. The final silent -*a* may be optionally omitted : but in quoting Early Hindi, etc. the final *a* should be retained. ळ ळ्ह as in Rajasthani, Panjabi, etc. are to be indicated as in Vedic.

BENGALI

The system for Sanskrit, with the provision for nasal Vowels and for ড় ঢ় (= ड़ ढ़) as in Hindi. For য (অন্তঃস্থ য), in all *tatsama* or pure Sanskrit words, *y* should be employed, in Prakritic and semi-tatsama words, *j* ; subscribed য (= য-ফলা) should be indicated by *y*. The difference between বর্গীয় ব (= *b*) and অন্তঃস্থ ব (= *v*, *w*) need not be indicated for Bengali—*b* may be written for both : only subscribed ব (ব-ফলা) is to be written as *w* (e.g. Skt. *Viśvāsa* = Bengali *Biśwās*). Final -*a* may be omitted optionally, but it should be retained for Early Bengali.

ARABIC

In transcribing Arabic, according to the context either (i) the native Arab pronunciation (as current in the *Jazīratu-l-‘Arab*) or (ii) the Perso-Indian pronunciation may be followed.

(i) Arabic in native Arab Pronunciation—

ء أ (*alīf hamza*) = ’ ; ب = b, ت = t, ث = t͟h (or θ) ; ج = j (or ǵ), ح = ḥ, خ = k͟h (or χ, or x) ; د = d, ذ = d͟h (or δ) ; ر = r, ز = z ; س = s, ش = s͟h (or š) ; ص = ṣ, ض = ḍ ; ط = ṭ (or ṭ̱), ظ = ẓ (or ẓ̱) ; ع = ‘, غ = g͟h (or γ) ; ف = f, ق = q ; ك = k ; ل = l ; م = m ; ن = n ; و = w, ū ; ه = h ; ى = y, ī.

ـَ ـِ ـُ respectively = a, i, u (or ĕ, ŏ optionally in place of i, u), ا = a, i, u ; ﺂ آ = ā ; ـِي يِ = ī ; ـُو = ū ; ـَي = ay (or ai) ; ـَو = aw (or au) ; *tanwīn* = $^{\text{un, an, in}}$ above line ; ى = á. (*Note :* عبد الحق = ‘Abdu-l-Ḥaqq, or ‘Abd al-Ḥaqq, not ‘Abd-ul-Ḥaqq.)

ة = t (or h, or tḫ).

(ii) Arabic in Perso-Indian Pronunciation, in the case of the following letters—

ث = ṡ, ذ = ż, ص ض = ṣ ẓ, ط ظ = ṭ ẓ.

PERSIAN

As for Arabic in Perso-Indian Pronunciation, with the following special Persian letters added:

پ = p, چ = c̱ẖ (or c, or č), ژ = ẕẖ (or ž), گ = g.

و may be indicated for Persian by v rather than w.

For Early Modern Persian, and Indian pronunciation of Persian, the *majhūl* sounds of ی and و (= ē, ō) may be employed side by side with the *ma‘rūf* sounds (= ī, ū). وَ یَ = au, ai. Nasalisation (*nūn-i-g̱ẖunna*) may be indicated by *tilde* mark (~) on the top of the Vowel, as in the case of Hindi, etc.

Hā-i-muḵẖtafī can be represented optionally as ah or a.

The *Iẓāfat* is to be written as -i- (or -ĕ- optionally).

URDU

As for Persian, only و = w, rather than v. See also the directions for Hindi. The special Urdu letters in the Perso-Arabic alphabet for Urdu are to be transcribed as in Hindi, e.g. ٹ = ṭ, ڈ = ḍ, ڑ = ṛ (or ṛ).

TAMIL

In transcribing Old Tamil, the modern pronunciation should not be followed—an exact transliteration will be enough for the purpose. This is in case of the consonants, which for Old Tamil should be indicated as below :—

க் = k (never g, even medially) ; ங் = ṅ (or ŋ)
ச் = c (never ś, or j) ; ஞ் = ñ (or ɲ)
ட் = ṭ (never ḍ, even medially) ; ண் = ṇ ;
த் = t (never d, or th) ; ந் = n ;
ப் = p (never b, or v) ; ம் = m ;
ய் ர் ல் வ் = y, r, l, v ; ள் = ḷ ; ன் = n′ ; ற = r′ (ன்ற் = n′r′, not ndr ; ற்ற் = r′r′, not tt) ; ழ் = ẓ (or ḻ) ; ஃ (āyṭam) = ḥ.

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Long ē and Long ō are to be distinguished from the corresponding short vowels by the *macron* or length mark—the short e and short o being left unmarked.

TIBETAN

Vowels—	a	i	u	e	o	
Consonants—	k	kh	g	ṅ	(or ŋ)	
	c	ch	j	ñ	(or ɲ)	
	t	th	d	n		
	p	ph	b	m		
	ts	tsh	dz	w		
	ž	z	'(or ḥ)			
	y	r	l	š	s	h

Silent letters need not be attempted to be indicated in transcription, but if necessary, the modern pronunciation may be denoted by some consistent system of phonetic transcription within brackets after the transliterated Tibetan (or *vice versa*).

CHINESE

Usually the North Mandarin Pronunciation should be represented, in Wade's system, with tones denoted by numerals. As far as necessary or practicable, the original Chinese character and the reconstructed pronunciation of it in Ancient Chinese should be given within brackets.

पुस्तकालय
गुरुकुल कांगड़ी विश्वविद्यालय
हरिद्वार

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